

# ***Steam Generator Outage Summary Report***

## ***McGuire Unit 2 1993 Outage EOC 8***

Location: Hwy. 73, Cowans Ford, North Carolina 28216

NRC Docket No. 50-370

National Board No. 84

Commercial Service Date: March 1, 1984

Owner: Duke Energy Corporation  
526 South Church St.  
Charlotte, N.C. 28201-1006

Revision 0

Prepared By: *Sheldal Culp* Date: *2/23/00*

Reviewed By: *OBM Mayes* Date: *2/24/00*

Approved By: *Yonny Sample* Date: *2/24/00*

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**FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS**  
**As required by the Provisions of the ASME Code Rules**

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006  
(Name and Address of Owner)
2. Plant: McGuire Nuclear Station, Highway 73, Cowans Ford, N. C. 28216  
(Name and Address of Plant)
3. Plant Unit: 2
4. Owner Certificate of Authorization (if required)      N/A
5. Commercial Service Date: March 1, 1984
6. National Board Number for Unit 84
7. Components Inspected:

<u>Component</u>	<u>Manufacturer</u>	<u>Manufacturer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Steam Generator 2A	Westinghouse	1481	NC-201307	68-112
Steam Generator 2B	Westinghouse	1482	NC-201308	68-113
Steam Generator 2C	Westinghouse	1483	NC-201309	68-114
Steam Generator 2D	Westinghouse	1484	NC-201310	68-115

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8<sup>1</sup>/<sub>2</sub> in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

**FORM NIS-1 (Back)**

8. Examination Dates July 1, 1993 to September 14, 1993
9. Inspection Period Identification: 3<sup>rd</sup> Period of the 1<sup>st</sup> Interval
10. Inspection Interval Identification: 1<sup>st</sup> Inspection Interval
11. Applicable Edition of Section XI 1980 Addenda None
12. Date/Revision of Inspection Plan: Tech Spec 3-4.4.5 Steam Generator 4/5/93 Revision
13. Abstract of Examinations and Test. Reference attached NRC Inspection Report dated 9/14/94.
14. Abstract of Results of Examination and Tests. Reference attached NRC Inspection Report dated 9/14/94.
15. Abstract of Corrective Measures. Reference attached NRC Inspection Report dated 9/14/94.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date 2-29 20 00 Signed Duke Energy Corp. By Mous Samah  
Owner

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of N.C. employed by \*The HSBI&I Co. of HARTFORD, CT. have inspected the components described in this Owners' Report during the period 7-1-93 to 9-14-93, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners' Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this Owners' Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

R. Klein Commissions NB772F, NC853, N-1  
Inspector's Signature National Board, State, Province, and Endorsements

Date 3-3 102000

\* The Hartford Steam Boiler Inspection & Insurance Co.  
200 Ashford Center North  
Suite 300  
Atlanta, GA. 30338

Duke Power Company  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

(704)875-4000



**DUKE POWER**

September 14, 1994

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Subject: McGuire Nuclear Station, Docket No. 50-370  
Unit 2 EOC-8 Refueling Outage, August 1993  
Steam Generators  
NRC Inspection Report - 12 Month

Pursuant to McGuire Technical Specification 4.4.5.5b, this report is submitted for McGuire Unit 2 EOC-8 Refueling Outage. The following quantity of tubes were inspected and plugged or repaired from either side of the generator:

<u>Steam Generator</u>	<u>Tubes Inspected Full Length</u>	<u>Number of Tubes Plugged or Repaired</u>
A	4396	55
B	4390	48
C	4407	35
D	4416	49

Information concerning tube indications of imperfections, locations, and size are provided as attachments 1, 2, 3 and 4. Tubes removed from service by plugging and repaired by sleeving are identified in attachments 5, 6, 7 and 8.

Questions or problems should be directed to Kay Crane, Regulatory Compliance at (704) 875-4306.

Very truly yours,

T. C. McMeekin, Vice President  
McGuire Nuclear Station

Attachments

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cc: Mr. Victor Nerses, Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. S. D. Ebnetter, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW - Suite 2900  
Atlanta, Georgia 30323

Mr. George Maxwell  
Senior Resident Inspector  
McGuire Nuclear Site

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cc: C. C. Dyer  
J. E. Snyder  
EC050 - ELL

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
2	2	7/93 RFO	Bobbin	IDI	40	12.85	TE-HL +9.94	9TH TSP
2	14	7/93 RFO	Bobbin	NQI		1.04	10TH TSP +41.05	9TH TSP
2	59	7/93 RFO	Bobbin	NQI		1.20	9TH TSP -1.22	9TH TSP
2	66	7/93 RFO	Bobbin	IDI	40	13.89	TE-HL +5.05	9TH TSP
2	78	7/93 RFO	Bobbin	ADI		5.60	19TH TSP +17.77	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	19TH TSP +17.80	19TH TSP
2	109	7/93 RFO	C/L Special Int	VOL		0.58	16TH TSP +8.68	16TH TSP
3	13	7/93 RFO	Bobbin	IDI	40	6.92	TE-HL +3.85	9TH TSP
3	16	7/93 RFO	Bobbin	IDI	40	22.59	TE-HL +15.33	9TH TSP
		7/93 RFO	Bobbin	NQI		0.74	21ST TSP +12.43	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		7.60	TTS-HL -5.66	TTS-HL
		7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP +12.81	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.68	12TH TSP +24.16	12TH TSP
3	18	7/93 RFO	H/L Tubesheet	MAI		2.86	TTS-HL -3.60	TTS-HL
3	22	7/93 RFO	H/L Tubesheet	SAI		4.34	TTS-HL -4.59	TTS-HL
3	35	7/93 RFO	C/L Special Int	VOL		0.58	12TH TSP -4.91	12TH TSP
3	57	7/93 RFO	Bobbin	IDI	40	10.07	TE-HL +8.48	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		0.28	TTS-HL -0.98	TTS-HL
3	58	7/93 RFO	C/L Special Int	VOL		1.11	19TH TSP +34.27	19TH TSP
3	59	7/93 RFO	H/L Tubesheet	MAI		0.90	TTS-HL -1.86	TTS-HL
3	62	7/93 RFO	Bobbin	NQI		0.67	22ND TSP +6.10	2ND TSP
3	65	7/93 RFO	C/L Special Int	VOL		0.96	22ND TSP +3.44	22ND TSP
3	103	7/93 RFO	Bobbin	ADI		5.44	1ST TSP +15.06	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.59	2ND TSP -5.54	2ND TSP
4	5	7/93 RFO	C/L Special Int	VOL		0.33	19TH TSP +8.60	19TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	19TH TSP +0.90	19TH TSP
4	8	7/93 RFO	C/L Special Int	VOL		0.66	19TH TSP +22.58	19TH TSP
4	16	7/93 RFO	Bobbin	IDI	40	14.70	TE-HL +17.95	9TH TSP
		7/93 RFO	Bobbin	IDI	40	18.32	TE-HL +14.14	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		9.55	TTS-HL -3.59	TTS-HL
4	51	7/93 RFO	Bobbin	IDI	40	9.10	TE-HL +7.16	9TH TSP
4	57	7/93 RFO	Bobbin	IDI	40	8.08	TE-HL +16.28	9TH TSP
4	58	7/93 RFO	Bobbin	IDI	40	10.26	TE-HL +7.20	9TH TSP
4	62	7/93 RFO	Bobbin	IDI	40	7.76	TE-HL +17.19	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		2.39	TTS-HL -4.10	TTS-HL
4	70	7/93 RFO	C/L Special Int	VOL		0.92	13TH TSP +13.00	13TH TSP
4	71	7/93 RFO	H/L Tubesheet	SAI		2.01	TTS-HL +0.16	TTS-HL
4	83	7/93 RFO	Bobbin	IDI	40	34.93	TE-HL +2.30	9TH TSP
4	90	7/93 RFO	Bobbin	ADI		3.72	1ST TSP +5.39	9TH TSP
		7/93 RFO	Bobbin	ADI		7.17	1ST TSP +14.20	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.64	1ST TSP +4.99	2ND TSP
		7/93 RFO	H/L Special Int	VOL		0.81	1ST TSP +12.47	2ND TSP
		7/93 RFO	H/L Special Int	VOL		1.31	1ST TSP +14.35	2ND TSP
4	96	7/93 RFO	Bobbin	ODI	6	1.68	3RD TSP +38.57	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.92	4TH TSP -5.81	4TH TSP
4	108	7/93 RFO	Bobbin	ADI		4.22	4TH TSP +10.53	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.47	4TH TSP +10.54	5TH TSP
		7/93 RFO	C/L Special Int	VOL		0.21	21ST TSP +3.30	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.26	19TH TSP +9.38	19TH TSP
4	114	7/93 RFO	C/L Special Int	VOL		0.74	10TH TSP +19.34	10TH TSP
5	1	7/93 RFO	Bobbin	ODI	6	0.77	18TH TSP +8.97	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP +9.12	18TH TSP
5	12	7/93 RFO	H/L Tubesheet	SAI		0.85	TTS-HL -1.14	TTS-HL
5	18	7/93 RFO	Bobbin	ADI		6.52	4TH TSP +22.42	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.20	4TH TSP +22.30	4TH TSP
		7/93 RFO	C/L Special Int	VOL		0.38	11TH TSP +20.70	11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.72	11TH TSP +9.99	11TH TSP
		7/93 RFO	C/L Special Int	VOL		1.01	17TH TSP +7.00	17TH TSP
		7/93 RFO	C/L Special Int	VOL		1.47	11TH TSP +0.67	11TH TSP
5	19	7/93 RFO	Bobbin	IDI	40	5.28	TE-HL +12.06	9TH TSP
5	22	7/93 RFO	Bobbin	ADI		5.29	7TH TSP +3.03	9TH TSP
5	23	7/93 RFO	Bobbin	ADI		3.99	7TH TSP +28.52	9TH TSP
		7/93 RFO	Bobbin	ADI		5.42	10TH TSP +11.83	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.99	10TH TSP +11.50	10TH TSP
5	24	7/93 RFO	Bobbin	NQI		0.69	12TH TSP +20.50	9TH TSP



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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS  
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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	+19.86 12TH TSP
5	46	7/93 RFO	Bobbin	ADI		4.96	7TH TSP	+34.86 9TH TSP
		7/93 RFO	Bobbin	ADI		1.31	18TH TSP	+13.93 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.37	TTS-CL	+3.05 22ND TSP
		7/93 RFO	H/L Special Int	VOL		0.91	8TH TSP	-10.88 8TH TSP
		7/93 RFO	C/L Special Int	VOL		0.44	18TH TSP	+12.19 18TH TSP
5	53	7/93 RFO	C/L Special Int	VOL		0.20	19TH TSP	+0.67 19TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	21ST TSP	+5.10 21ST TSP
5	59	7/93 RFO	C/L Special Int	VOL		0.37	16TH TSP	+6.45 15TH TSP
5	60	7/93 RFO	Bobbin	IDI	40	8.57	TE-HL	+7.26 9TH TSP
5	72	7/93 RFO	C/L Special Int	VOL		0.48	12TH TSP	+7.83 12TH TSP
5	104	7/93 RFO	Bobbin	ADI		5.62	7TH TSP	+5.39 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.02	7TH TSP	+8.74 8TH TSP
		7/93 RFO	H/L Special Int	VOL		2.38	7TH TSP	+5.47 8TH TSP
5	107	7/93 RFO	Bobbin	ADI		10.00	4TH TSP	+21.30 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.35	4TH TSP	+21.66 5TH TSP
6	4	7/93 RFO	Bobbin	ADI		4.64	17TH TSP	+7.85 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.72	17TH TSP	+7.84 16TH TSP
6	10	7/93 RFO	Bobbin	ADI		4.86	12TH TSP	+22.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.04	12TH TSP	+22.00 12TH TSP
6	12	7/93 RFO	Bobbin	IDI	40	4.84	TE-HL	+15.81 9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		1.99	TTS-HL	-5.00 TTS-HL
6	18	7/93 RFO	Bobbin	IDI	40	6.47	TE-HL	+7.80 9TH TSP
6	19	7/93 RFO	Bobbin	IDI	40	3.07	TE-HL	+15.96 9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		2.12	TTS-HL	-4.97 TTS-HL
6	20	7/93 RFO	C/L Special Int	VOL		0.76	22ND TSP	+11.00 22ND TSP
6	22	7/93 RFO	Bobbin	ADI		5.58	3RD TSP	+33.29 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.63	4TH TSP	-11.96 4TH TSP
		7/93 RFO	C/L Special Int	VOL		0.26	21ST TSP	-2.66 21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.96	20TH TSP	+6.41 19TH TSP
		7/93 RFO	C/L Special Int	VOL		0.98	21ST TSP	+5.72 19TH TSP
6	23	7/93 RFO	C/L Special Int	VOL		0.65	16TH TSP	+6.15 16TH TSP
6	27	7/93 RFO	Bobbin	ADI		3.94	5TH TSP	+38.93 9TH TSP
6	28	7/93 RFO	Bobbin	IDI	40	11.12	TE-HL	+10.94 9TH TSP
6	37	7/93 RFO	Bobbin	ADI		4.40	7TH TSP	+41.07 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.80	8TH TSP	-3.55 8TH TSP
		7/93 RFO	C/L Special Int	VOL		0.39	16TH TSP	+3.28 16TH TSP
6	40	7/93 RFO	C/L Special Int	VOL		0.52	16TH TSP	-4.94 16TH TSP
6	41	7/93 RFO	Bobbin	ODI	19	1.01	5TH TSP	+40.10 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.28	6TH TSP	-4.28 6TH TSP
6	42	7/93 RFO	C/L Special Int	VOL		0.30	15TH TSP	+2.18 15TH TSP
		7/93 RFO	C/L Special Int	VOL		0.46	16TH TSP	+8.18 15TH TSP
6	44	7/93 RFO	C/L Special Int	VOL		0.50	18TH TSP	+12.33 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.50	19TH TSP	+4.49 18TH TSP
6	47	7/93 RFO	Bobbin	ADI		3.90	7TH TSP	+35.03 9TH TSP
		7/93 RFO	Bobbin	ODI	25	0.86	7TH TSP	+3.65 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.46	7TH TSP	+33.75 8TH TSP
		7/93 RFO	H/L Special Int	VOL		0.88	7TH TSP	+3.80 8TH TSP
6	51	7/93 RFO	C/L Special Int	VOL		0.33	20TH TSP	+4.47 20TH TSP
		7/93 RFO	C/L Special Int	VOL		0.46	14TH TSP	+4.27 14TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	12TH TSP	+31.36 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.51	19TH TSP	+1.57 19TH TSP
		7/93 RFO	C/L Special Int	VOL		0.55	11TH TSP	+2.59 11TH TSP
6	53	7/93 RFO	C/L Special Int	VOL		0.36	22ND TSP	+4.26 22ND TSP
6	62	7/93 RFO	Bobbin	NQI		0.68	2ND TSP	-0.18 9TH TSP
6	63	7/93 RFO	C/L Special Int	VOL		0.52	11TH TSP	-16.83 11TH TSP
6	73	7/93 RFO	Bobbin	NQI		0.86	13TH TSP	+3.87 9TH TSP
6	79	7/93 RFO	Bobbin	NQI		1.09	2ND TSP	+0.18 9TH TSP
6	81	7/93 RFO	Bobbin	ODI	10	1.39	20TH TSP	+4.91 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.55	17TH TSP	-6.37 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.75	17TH TSP	-10.17 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.80	17TH TSP	-7.70 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.87	20TH TSP	+4.67 20TH TSP
		7/93 RFO	C/L Special Int	VOL		1.08	18TH TSP	+11.72 18TH TSP
		7/93 RFO	C/L Special Int	VOL		1.16	18TH TSP	+16.38 18TH TSP

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		1.25	18TH TSP	+13.58
6	97	7/93 RFO	Bobbin	ADI		7.12	6TH TSP	+27.73
		7/93 RFO	H/L Special Int	VOL		0.84	6TH TSP	+27.99
7	12	7/93 RFO	Bobbin	IDI	40	34.59	TE-HL	+2.83
7	15	7/93 RFO	C/L Special Int	VOL		0.95	18TH TSP	+16.11
7	22	7/93 RFO	H/L Tubesheet	SAI		0.61	TTS-HL	-0.02
7	56	7/93 RFO	Bobbin	ODI	32	0.58	5TH TSP	+15.36
7	73	7/93 RFO	H/L Tubesheet	SAI		1.53	TTS-HL	-5.30
7	74	7/93 RFO	Bobbin	IDI	40	26.09	TE-HL	+16.35
		7/93 RFO	H/L Tubesheet	MAI		5.54	TTS-HL	-5.42
		7/93 RFO	H/L Special Int	MAI		7.28	TTS-HL	-4.88
7	77	7/93 RFO	Bobbin	ADI		3.27	7TH TSP	+41.29
7	98	7/93 RFO	Bobbin	ADI		2.85	TTS-HL	+2.84
		7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	+2.98
		7/93 RFO	H/L Special Int	VOL		0.40	TTS-HL	+2.65
7	99	7/93 RFO	Bobbin	ADI		5.10	6TH TSP	+27.82
		7/93 RFO	H/L Special Int	VOL		0.88	6TH TSP	+28.51
		7/93 RFO	C/L Special Int	VOL		0.46	13TH TSP	+10.40
		7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+7.84
7	100	7/93 RFO	Bobbin	ADI		4.03	7TH TSP	+31.95
		7/93 RFO	H/L Special Int	VOL		0.41	8TH TSP	-15.66
		7/93 RFO	H/L Special Int	VOL		0.61	8TH TSP	-12.87
7	102	7/93 RFO	C/L Special Int	VOL		0.24	10TH TSP	+15.38
		7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	+28.40
7	108	7/93 RFO	C/L Special Int	VOL		0.66	10TH TSP	+7.43
8	12	7/93 RFO	C/L Special Int	VOL		0.36	21ST TSP	-3.11
8	20	7/93 RFO	Bobbin	ADI		4.51	18TH TSP	+3.16
		7/93 RFO	C/L Special Int	VOL		0.25	18TH TSP	+3.24
8	23	7/93 RFO	Bobbin	IDI	40	16.78	TE-HL	+18.10
		7/93 RFO	H/L Tubesheet	MAI		4.09	TTS-HL	-2.96
8	24	7/93 RFO	C/L Special Int	VOL		0.85	11TH TSP	+17.86
8	30	7/93 RFO	H/L Tubesheet	SAI		0.65	TTS-HL	-0.97
8	59	7/93 RFO	Bobbin	IDI	40	29.85	TE-HL	+5.72
8	75	7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	-8.13
8	100	7/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+28.88
8	106	7/93 RFO	C/L Special Int	VOL		0.36	12TH TSP	+31.21
9	2	7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+9.46
9	8	7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+24.30
9	15	7/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	+5.26
9	23	7/93 RFO	Bobbin	ADI		4.31	7TH TSP	+41.04
9	29	7/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	-12.47
		7/93 RFO	C/L Special Int	VOL		0.39	11TH TSP	-9.75
9	30	7/93 RFO	C/L Special Int	VOL		0.69	12TH TSP	+11.35
9	35	7/93 RFO	C/L Special Int	VOL		0.47	15TH TSP	+2.49
9	37	7/93 RFO	Bobbin	ODI	2	0.66	5TH TSP	+35.49
9	38	7/93 RFO	C/L Special Int	VOL		1.13	17TH TSP	-2.10
9	41	7/93 RFO	C/L Special Int	VOL		1.01	22ND TSP	+11.70
9	43	7/93 RFO	Bobbin	ADI		1.61	5TH TSP	+32.40
		7/93 RFO	Bobbin	ADI		4.71	6TH TSP	+5.62
		7/93 RFO	Bobbin	NQI		1.10	6TH TSP	+17.89
		7/93 RFO	Bobbin	NQI		1.53	5TH TSP	+5.48
		7/93 RFO	H/L Special Int	VOL		0.49	6TH TSP	+5.60
		7/93 RFO	H/L Special Int	VOL		0.82	6TH TSP	+18.73
		7/93 RFO	H/L Special Int	VOL		1.03	5TH TSP	+32.33
		7/93 RFO	H/L Special Int	VOL		1.44	5TH TSP	+5.26
		7/93 RFO	C/L Special Int	VOL		0.99	12TH TSP	+2.65
9	47	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+32.95
		7/93 RFO	C/L Special Int	VOL		0.63	12TH TSP	+23.31
		7/93 RFO	C/L Special Int	VOL		0.72	10TH TSP	-13.07
		7/93 RFO	C/L Special Int	VOL		0.74	18TH TSP	+9.47
		7/93 RFO	C/L Special Int	VOL		1.38	12TH TSP	+25.39
		7/93 RFO	C/L Special Int	VOL		1.41	12TH TSP	+30.53
9	51	7/93 RFO	H/L Tubesheet	SAI		1.70	TTS-HL	+0.11
		7/93 RFO	C/L Special Int	VOL		0.84	17TH TSP	+5.75
		7/93 RFO	C/L Special Int	VOL		1.39	19TH TSP	+5.46

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
9	52	7/93 RFO	C/L Special Int	VOL		1.06	TTS-CL	+3.42	TTS-CL
9	57	7/93 RFO	Bobbin	ODI	31	1.71	18TH TSP	+1.12	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.17	18TH TSP	+1.33	18TH TSP
9	69	7/93 RFO	Bobbin	ADI		7.89	5TH TSP	+27.29	9TH TSP
		7/93 RFO	Bobbin	ADI		8.43	6TH TSP	+8.09	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.60	5TH TSP	+27.81	6TH TSP
		7/93 RFO	H/L Special Int	VOL		0.71	6TH TSP	+7.60	7TH TSP
9	70	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+9.59	12TH TSP
9	74	7/93 RFO	Bobbin	ADI		8.71	16TH TSP	+6.80	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	9TH TSP	-8.73	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.75	16TH TSP	+7.15	16TH TSP
9	75	7/93 RFO	Bobbin	ODI	4	1.17	18TH TSP	+3.89	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.20	18TH TSP	+4.25	18TH TSP
		7/93 RFO	C/L Special Int	VOL		2.05	10TH TSP	+4.55	10TH TSP
9	83	7/93 RFO	C/L Special Int	VOL		0.67	12TH TSP	+15.87	12TH TSP
9	84	7/93 RFO	C/L Special Int	VOL		0.75	22ND TSP	+13.50	22ND TSP
9	86	7/93 RFO	Bobbin	ADI		3.29	7TH TSP	+19.93	9TH TSP
		7/93 RFO	Bobbin	ADI		3.78	8TH TSP	-24.35	8TH TSP
		7/93 RFO	H/L Special Int	VOL		0.32	7TH TSP	+20.27	8TH TSP
9	95	7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+16.69	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.31	18TH TSP	+5.45	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	22ND TSP	+3.39	22ND TSP
9	105	7/93 RFO	Bobbin	IDI	40	16.32	TE-HL	+7.35	9TH TSP
10	36	7/93 RFO	H/L Tubesheet	SAI		0.53	TTS-HL	-0.27	TTS-HL
10	56	7/93 RFO	Bobbin	ADI		5.81	11TH TSP	+4.86	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.23	11TH TSP	+4.89	11TH TSP
10	70	7/93 RFO	Bobbin	ADI		6.31	6TH TSP	+12.33	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.27	6TH TSP	+12.08	7TH TSP
10	75	7/93 RFO	H/L Special Int	VOL		2.07	5TH TSP	-2.12	5TH TSP
10	83	7/93 RFO	C/L Special Int	VOL		0.45	16TH TSP	+6.08	16TH TSP
10	95	7/93 RFO	Bobbin	ADI		3.48	4TH TSP	+26.66	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.46	4TH TSP	+26.96	5TH TSP
10	96	7/93 RFO	Bobbin	ADI		5.08	6TH TSP	+38.96	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.48	7TH TSP	-5.76	7TH TSP
10	99	7/93 RFO	Bobbin	NQI		0.14	3RD TSP	-0.02	9TH TSP
10	104	7/93 RFO	Bobbin	ODI	7	1.24	11TH TSP	+6.91	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.17	11TH TSP	+7.39	11TH TSP
10	105	7/93 RFO	C/L Special Int	VOL		0.51	12TH TSP	+13.60	12TH TSP
10	110	7/93 RFO	Bobbin	NQI		0.49	13TH TSP	+7.50	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+7.54	13TH TSP
10	112	7/93 RFO	Bobbin	ADI		9.61	4TH TSP	+7.96	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.01	4TH TSP	+7.98	5TH TSP
11	59	7/93 RFO	Bobbin	IDI	40	3.55	TE-HL	+16.91	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		3.04	TTS-HL	-4.52	TTS-HL
11	60	7/93 RFO	H/L Tubesheet	SAI		0.41	TTS-HL	-2.87	TTS-HL
11	65	7/93 RFO	C/L Special Int	VOL		0.54	10TH TSP	+42.31	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.57	10TH TSP	+28.39	9TH TSP
11	67	7/93 RFO	C/L Special Int	VOL		0.45	18TH TSP	+20.56	18TH TSP
11	72	7/93 RFO	Bobbin	IDI	40	5.49	TE-HL	+12.74	9TH TSP
11	84	7/93 RFO	Bobbin	ADI		7.25	9TH TSP	-5.01	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.93	9TH TSP	-6.02	9TH TSP
11	97	7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+19.42	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	+27.87	11TH TSP
11	99	7/93 RFO	Bobbin	ADI		7.07	6TH TSP	+17.67	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.30	6TH TSP	+17.67	7TH TSP
11	109	7/93 RFO	Bobbin	ADI		2.26	6TH TSP	+26.26	9TH TSP
12	62	7/93 RFO	Bobbin	IDI	40	11.01	TE-HL	+11.38	9TH TSP
12	75	7/93 RFO	Bobbin	ODI	15	0.55	12TH TSP	+30.89	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+31.18	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.65	11TH TSP	-11.21	11TH TSP
13	10	7/93 RFO	C/L Special Int	VOL		0.83	11TH TSP	+10.20	11TH TSP
13	13	7/93 RFO	Bobbin	IDI	40	7.43	TE-HL	+15.06	9TH TSP
13	61	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	-0.05	TTS-HL
14	22	7/93 RFO	H/L Tubesheet	SAI		0.61	TTS-HL	-0.08	TTS-HL
14	29	7/93 RFO	H/L Tubesheet	MAI		0.47	TTS-HL	+0.00	TTS-HL

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
14	59	7/93 RFO	Bobbin	IDI	40	9.01	TE-HL	+12.46	9TH TSP
14	67	7/93 RFO	Bobbin	ODI	3	3.13	13TH TSP	+5.81	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+6.10	13TH TSP
14	72	7/93 RFO	C/L Special Int	VOL		0.37	9TH TSP	-7.84	9TH TSP
14	73	7/93 RFO	Bobbin	IDI	40	40.82	TE-HL	+17.01	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		5.61	TTS-HL	-2.90	TTS-HL
14	87	7/93 RFO	Bobbin	NQI		2.24	7TH TSP	+15.08	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.82	7TH TSP	+15.59	8TH TSP
14	88	7/93 RFO	C/L Special Int	VOL		0.29	10TH TSP	+3.89	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+5.82	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.92	10TH TSP	-0.56	10TH TSP
14	94	7/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+5.38	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.36	13TH TSP	+7.85	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+2.01	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.53	13TH TSP	+13.76	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	+12.27	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.72	14TH TSP	+5.91	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.86	14TH TSP	+7.50	12TH TSP
14	101	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+16.26	10TH TSP
		7/93 RFO	C/L Special Int	VOL		1.11	10TH TSP	+9.24	10TH TSP
14	111	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+29.46	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+16.93	12TH TSP
14	112	7/93 RFO	Bobbin	NQI		1.10	11TH TSP	+13.48	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.54	11TH TSP	+18.26	11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.74	11TH TSP	+9.14	11TH TSP
		7/93 RFO	C/L Special Int	VOL		1.97	11TH TSP	+13.94	11TH TSP
15	34	7/93 RFO	Bobbin	ADI		3.18	21ST TSP	+2.32	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.85	21ST TSP	+2.54	21ST TSP
15	35	7/93 RFO	C/L Special Int	VOL		1.41	14TH TSP	+6.10	14TH TSP
15	45	7/93 RFO	Bobbin	IDI	40	16.84	TE-HL	+17.06	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		2.52	TTS-HL	-3.41	TTS-HL
15	46	7/93 RFO	H/L Tubesheet	VOL		0.23	TTS-HL	-1.78	TTS-HL
		7/93 RFO	H/L Tubesheet	VOL		0.31	TTS-HL	-3.05	TTS-HL
		7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	+1.09	TTS-HL
15	55	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	-4.33	TTS-HL
15	67	7/93 RFO	Bobbin	IDI	40	29.63	TE-HL	+10.56	9TH TSP
15	72	7/93 RFO	Bobbin	NQI		1.35	11TH TSP	+37.67	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.76	10TH TSP	-6.56	10TH TSP
16	9	7/93 RFO	Bobbin	IDI	40	13.01	TE-HL	+13.01	9TH TSP
16	21	7/93 RFO	H/L Tubesheet	SAI		0.25	TTS-HL	+0.01	TTS-HL
16	29	7/93 RFO	Bobbin	IDI	40	15.74	TE-HL	+12.81	9TH TSP
16	38	7/93 RFO	H/L Tubesheet	VOL		0.82	TTS-HL	-3.24	TTS-HL
16	52	7/93 RFO	Bobbin	ADI		2.93	10TH TSP	+21.92	9TH TSP
16	59	7/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	+13.37	11TH TSP
16	98	7/93 RFO	C/L Special Int	VOL		0.21	18TH TSP	+10.89	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.40	22ND TSP	+13.59	22ND TSP
16	100	7/93 RFO	C/L Special Int	VOL		0.81	22ND TSP	+1.33	22ND TSP
17	18	7/93 RFO	C/L Special Int	VOL		0.19	22ND TSP	+11.07	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.86	12TH TSP	-1.29	12TH TSP
17	24	7/93 RFO	Bobbin	IDI	40	22.06	TE-HL	+10.37	9TH TSP
		7/93 RFO	Bobbin	IDI	40	23.50	TE-HL	+16.59	9TH TSP
17	25	7/93 RFO	Bobbin	IDI	40	18.94	TE-HL	+14.28	9TH TSP
17	30	7/93 RFO	C/L Special Int	VOL		0.42	11TH TSP	+9.89	11TH TSP
17	31	7/93 RFO	Bobbin	IDI	40	13.71	TE-HL	+16.26	9TH TSP
		7/93 RFO	Bobbin	IDI	40	18.89	TE-HL	+9.52	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+9.86	13TH TSP
17	32	7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	+5.65	15TH TSP
17	48	7/93 RFO	Bobbin	IDI	40	8.65	TE-HL	+16.90	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		2.00	TTS-HL	-3.34	TTS-HL
17	51	7/93 RFO	Bobbin	NQI		0.79	14TH TSP	+9.20	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.83	14TH TSP	+5.90	13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.97	14TH TSP	+9.91	13TH TSP
17	79	7/93 RFO	C/L Special Int	VOL		0.87	10TH TSP	+13.71	10TH TSP
		7/93 RFO	C/L Special Int	VOL		1.00	10TH TSP	+25.64	10TH TSP
17	110	7/93 RFO	Bobbin	ADI		2.54	1ST TSP	+6.98	9TH TSP

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
17	111	7/93 RFO	C/L Special Int VOL			0.82	12TH TSP	+5.02
18	4	7/93 RFO	C/L Special Int VOL			0.31	14TH TSP	+3.53
18	5	7/93 RFO	C/L Special Int VOL			0.47	12TH TSP	+12.22
18	15	7/93 RFO	Bobbin	IDI	40	14.78	TE-HL	+5.27
18	28	7/93 RFO	C/L Special Int VOL			0.22	12TH TSP	+26.63
		7/93 RFO	C/L Special Int VOL			0.23	12TH TSP	+26.07
		7/93 RFO	C/L Special Int VOL			0.30	12TH TSP	+32.30
		7/93 RFO	C/L Special Int VOL			0.32	12TH TSP	+14.08
		7/93 RFO	C/L Special Int VOL			0.45	20TH TSP	+2.10
		7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+1.39
18	30	7/93 RFO	C/L Special Int VOL			0.45	12TH TSP	+23.12
18	38	7/93 RFO	C/L Special Int VOL			0.25	18TH TSP	+4.85
		7/93 RFO	C/L Special Int VOL			0.49	18TH TSP	+2.23
18	39	7/93 RFO	C/L Special Int VOL			0.64	10TH TSP	-8.46
18	41	7/93 RFO	C/L Special Int VOL			0.20	18TH TSP	+6.59
		7/93 RFO	C/L Special Int VOL			0.26	18TH TSP	+4.77
		7/93 RFO	C/L Special Int VOL			0.28	16TH TSP	+4.65
		7/93 RFO	C/L Special Int VOL			0.30	18TH TSP	+2.72
		7/93 RFO	C/L Special Int VOL			0.30	18TH TSP	+3.18
		7/93 RFO	C/L Special Int VOL			0.37	16TH TSP	+6.01
		7/93 RFO	C/L Special Int VOL			0.50	22ND TSP	+5.95
		7/93 RFO	C/L Special Int VOL			0.52	19TH TSP	+5.67
		7/93 RFO	C/L Special Int VOL			0.55	22ND TSP	+5.15
		7/93 RFO	C/L Special Int VOL			0.64	18TH TSP	+14.72
18	44	7/93 RFO	Bobbin	ADI		5.30	20TH TSP	+3.53
		7/93 RFO	C/L Special Int VOL			0.21	20TH TSP	+3.50
18	47	7/93 RFO	C/L Special Int VOL			0.57	21ST TSP	+6.18
18	80	7/93 RFO	C/L Special Int VOL			2.00	9TH TSP	-32.82
		7/93 RFO	C/L Special Int VOL			2.50	9TH TSP	-30.06
18	89	7/93 RFO	Bobbin	IDI	40	6.31	TE-HL	+14.33
18	93	7/93 RFO	Bobbin	NQI		0.56	TTS-CL	+1.69
18	104	7/93 RFO	Bobbin	IDI	40	6.24	TE-HL	+12.76
		7/93 RFO	H/L Tubesheet	SAI		3.31	TTS-HL	-2.48
19	6	7/93 RFO	C/L Special Int VOL			1.01	12TH TSP	+42.20
19	21	7/93 RFO	Bobbin	IDI	40	14.77	TE-HL	+8.52
19	22	7/93 RFO	Bobbin	IDI	40	15.13	TE-HL	+4.50
19	24	7/93 RFO	C/L Special Int VOL			0.21	17TH TSP	-5.03
		7/93 RFO	C/L Special Int VOL			0.35	18TH TSP	+14.47
19	29	7/93 RFO	Bobbin	IDI	40	17.70	TE-HL	+14.13
19	37	7/93 RFO	C/L Special Int VOL			0.50	20TH TSP	+5.44
19	44	7/93 RFO	Bobbin	ADI		3.12	11TH TSP	+7.21
		7/93 RFO	C/L Special Int VOL			0.26	11TH TSP	-14.59
		7/93 RFO	C/L Special Int VOL			0.46	11TH TSP	+7.69
19	48	7/93 RFO	C/L Special Int VOL			0.49	10TH TSP	-3.62
19	56	7/93 RFO	C/L Special Int VOL			0.76	11TH TSP	+17.17
19	57	7/93 RFO	C/L Special Int VOL			0.39	19TH TSP	+4.00
		7/93 RFO	C/L Special Int VOL			0.45	18TH TSP	+9.01
		7/93 RFO	C/L Special Int VOL			0.48	18TH TSP	+17.16
		7/93 RFO	C/L Special Int VOL			0.51	18TH TSP	+1.21
		7/93 RFO	C/L Special Int VOL			0.56	18TH TSP	+14.43
		7/93 RFO	C/L Special Int VOL			0.72	19TH TSP	+1.66
		7/93 RFO	C/L Special Int VOL			0.98	22ND TSP	+9.76
19	59	7/93 RFO	Bobbin	IDI	40	6.14	TE-HL	+16.08
		7/93 RFO	Bobbin	IDI	40	12.56	TE-HL	+16.10
19	82	7/93 RFO	C/L Special Int VOL			0.50	11TH TSP	-4.53
19	89	7/93 RFO	Bobbin	IDI	40	1.43	TE-HL	+6.34
19	93	7/93 RFO	C/L Special Int VOL			0.51	22ND TSP	+15.02
19	101	7/93 RFO	H/L Tubesheet	SAI		1.98	TTS-HL	-4.53
20	12	7/93 RFO	Bobbin	ADI		5.14	6TH TSP	+9.88
20	16	7/93 RFO	C/L Special Int VOL			0.35	11TH TSP	+6.69
		7/93 RFO	C/L Special Int VOL			0.41	11TH TSP	+10.42
		7/93 RFO	C/L Special Int VOL			0.57	10TH TSP	+2.79
		7/93 RFO	C/L Special Int VOL			0.59	11TH TSP	+8.04
		7/93 RFO	C/L Special Int VOL			0.71	11TH TSP	+15.54
20	17	7/93 RFO	C/L Special Int VOL			0.53	11TH TSP	+21.59

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
20	27	7/93 RFO	Bobbin	ADI		3.58	5TH TSP	+23.68
		7/93 RFO	H/L Special Int	VOL		0.41	5TH TSP	+23.69
		7/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+3.01
		7/93 RFO	C/L Special Int	VOL		0.41	20TH TSP	+4.75
20	28	7/93 RFO	Bobbin	IDI	40	31.64	TE-HL	+16.92
		7/93 RFO	H/L Special Int	MAI		2.42	TE-HL	+14.33
		7/93 RFO	H/L Special Int	SAI		1.58	TE-HL	+5.34
		7/93 RFO	H/L Special Int	MAI		7.44	TTS-HL	-7.68
20	47	7/93 RFO	C/L Special Int	VOL		0.46	15TH TSP	+1.50
20	52	7/93 RFO	C/L Special Int	VOL		0.52	17TH TSP	+2.54
20	56	7/93 RFO	Bobbin	ADI		5.46	4TH TSP	+34.64
		7/93 RFO	H/L Special Int	VOL		1.00	5TH TSP	-10.41
20	66	7/93 RFO	Bobbin	ADI		1.62	12TH TSP	+17.52
		7/93 RFO	C/L Special Int	VOL		1.37	12TH TSP	+16.70
20	73	7/93 RFO	Bobbin	IDI	40	2.08	TE-HL	+6.28
		7/93 RFO	H/L Special Int	MAI		2.33	TTS-HL	-11.43
		7/93 RFO	H/L Special Int	MAI		2.62	TTS-HL	-10.16
		7/93 RFO	H/L Special Int	MAI		5.83	TTS-HL	-13.91
20	87	7/93 RFO	Bobbin	IDI	40	2.45	TE-HL	+12.81
20	109	7/93 RFO	Bobbin	ODI	28	0.88	3RD TSP	+20.14
		7/93 RFO	H/L Special Int	VOL		1.03	3RD TSP	+20.77
21	9	7/93 RFO	C/L Special Int	VOL		0.45	18TH TSP	+14.53
21	26	7/93 RFO	Bobbin	NQI		1.05	18TH TSP	+9.47
		7/93 RFO	C/L Special Int	VOL		0.16	18TH TSP	+1.49
21	27	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+28.10
		7/93 RFO	C/L Special Int	VOL		1.02	12TH TSP	+8.05
21	29	7/93 RFO	H/L Tubesheet	SAI		0.56	TTS-HL	-0.90
21	32	7/93 RFO	C/L Special Int	VOL		0.21	19TH TSP	+2.22
		7/93 RFO	C/L Special Int	VOL		0.21	19TH TSP	+4.03
21	33	7/93 RFO	H/L Tubesheet	MAI		0.64	TTS-HL	-1.83
21	34	7/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+11.24
		7/93 RFO	C/L Special Int	VOL		0.33	17TH TSP	-2.35
		7/93 RFO	C/L Special Int	VOL		0.37	11TH TSP	+16.38
		7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+13.87
21	35	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	-7.47
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+8.91
		7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+20.02
21	58	7/93 RFO	Bobbin	IDI	40	8.44	TE-HL	+7.18
		7/93 RFO	Bobbin	IDI	40	11.69	TE-HL	+7.16
		7/93 RFO	Bobbin	IDI	40	18.10	TE-HL	+7.46
		7/93 RFO	Bobbin	IDI	40	22.13	TE-HL	+7.27
21	60	7/93 RFO	C/L Special Int	VOL		0.61	13TH TSP	+4.99
		7/93 RFO	C/L Special Int	VOL		0.77	13TH TSP	+10.48
		7/93 RFO	C/L Special Int	VOL		1.04	13TH TSP	+7.64
21	81	7/93 RFO	Bobbin	NQI		0.33	3RD TSP	-0.08
21	98	7/93 RFO	H/L Tubesheet	SAI		2.77	TTS-HL	-2.76
21	100	7/93 RFO	Bobbin	IDI	40	5.78	TE-HL	+14.17
22	6	7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+13.17
		7/93 RFO	C/L Special Int	VOL		0.49	10TH TSP	+11.16
		7/93 RFO	C/L Special Int	VOL		0.63	10TH TSP	+5.28
22	11	7/93 RFO	Bobbin	ODI	13	2.66	4TH TSP	+22.01
		7/93 RFO	Bobbin	ODI	19	0.73	4TH TSP	+29.33
		7/93 RFO	Bobbin	ODI	19	0.87	4TH TSP	+11.24
		7/93 RFO	Bobbin	ODI	35	1.37	16TH TSP	+6.17
		7/93 RFO	H/L Tubesheet	SAI		0.63	TTS-HL	-0.02
		7/93 RFO	H/L Special Int	VOL		0.80	4TH TSP	+8.87
		7/93 RFO	H/L Special Int	VOL		0.84	4TH TSP	+11.28
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+21.38
		7/93 RFO	H/L Special Int	VOL		1.17	4TH TSP	+6.81
		7/93 RFO	H/L Special Int	VOL		1.68	4TH TSP	+22.93
		7/93 RFO	C/L Special Int	VOL		0.35	15TH TSP	+2.67
		7/93 RFO	C/L Special Int	VOL		0.47	11TH TSP	+24.04
		7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	+5.42
		7/93 RFO	C/L Special Int	VOL		0.71	16TH TSP	+6.87
22	14	7/93 RFO	C/L Special Int	VOL		0.49	16TH TSP	+8.17

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
22	17	7/93 RFO	Bobbin	ADI		4.73	13TH TSP	+15.65
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	-2.22
		7/93 RFO	C/L Special Int	VOL		0.42	12TH TSP	-7.46
22	39	7/93 RFO	Bobbin	ADI		1.55	7TH TSP	+16.01
		7/93 RFO	H/L Special Int	VOL		0.88	7TH TSP	+16.01
22	51	7/93 RFO	C/L Special Int	VOL		0.47	13TH TSP	+4.86
22	55	7/93 RFO	Bobbin	IDI	40	23.17	TE-HL	+15.21
22	65	7/93 RFO	Bobbin	NQI		0.57	2ND TSP	-0.35
22	67	7/93 RFO	C/L Special Int	VOL		0.66	18TH TSP	+5.30
22	71	7/93 RFO	C/L Special Int	VOL		0.64	12TH TSP	+16.52
22	92	7/93 RFO	Bobbin	IDI	40	0.54	TE-HL	+8.56
23	7	7/93 RFO	Bobbin	IDI	40	8.39	TE-HL	+5.82
23	17	7/93 RFO	C/L Special Int	VOL		0.70	11TH TSP	+3.01
23	21	7/93 RFO	Bobbin	ADI		2.19	3RD TSP	+27.69
		7/93 RFO	C/L Special Int	VOL		0.27	9TH TSP	-13.37
23	24	7/93 RFO	Bobbin	IDI	40	16.20	TE-HL	+16.83
		7/93 RFO	H/L Tubesheet	MAI		4.82	TTS-HL	-3.73
23	29	7/93 RFO	Bobbin	IDI	40	9.32	TE-HL	+7.06
23	30	7/93 RFO	Bobbin	ADI		0.95	2ND TSP	+17.30
		7/93 RFO	H/L Special Int	VOL		0.47	2ND TSP	+16.39
23	42	7/93 RFO	Bobbin	ADI		9.38	9TH TSP	+8.56
		7/93 RFO	U-Bend	VOL		0.68	9TH TSP	+8.01
23	45	7/93 RFO	C/L Special Int	VOL		0.62	11TH TSP	-7.37
23	46	7/93 RFO	Bobbin	ODI	4	1.78	3RD TSP	+30.24
		7/93 RFO	H/L Special Int	VOL		0.50	3RD TSP	+30.42
23	48	7/93 RFO	H/L Tubesheet	SAI		0.23	TTS-HL	-0.03
23	84	7/93 RFO	Bobbin	ADI		4.27	12TH TSP	+3.49
		7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	+3.33
23	85	7/93 RFO	H/L Tubesheet	SAI		2.20	TTS-HL	-3.62
24	14	7/93 RFO	Bobbin	IDI	40	10.04	TE-HL	+13.12
24	17	7/93 RFO	C/L Special Int	VOL		0.48	22ND TSP	+7.33
24	18	7/93 RFO	Bobbin	ADI		2.45	7TH TSP	+38.37
		7/93 RFO	H/L Special Int	VOL		0.87	8TH TSP	-6.46
24	20	7/93 RFO	Bobbin	NQI		0.43	18TH TSP	+3.87
		7/93 RFO	C/L Special Int	VOL		0.23	18TH TSP	+19.04
		7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+17.99
		7/93 RFO	C/L Special Int	VOL		0.60	18TH TSP	+15.81
24	22	7/93 RFO	Bobbin	IDI	40	6.30	TE-HL	+14.97
24	25	7/93 RFO	Bobbin	IDI	40	8.30	TE-HL	+17.04
		7/93 RFO	H/L Tubesheet	SAI		6.26	TTS-HL	-4.68
		7/93 RFO	H/L Special Int	SAI		6.29	TE-HL	+17.04
24	27	7/93 RFO	H/L Tubesheet	SAI		0.89	TTS-HL	-3.95
24	28	7/93 RFO	C/L Special Int	VOL		1.24	21ST TSP	-3.28
24	36	7/93 RFO	Bobbin	IDI	40	10.27	TE-HL	+16.31
24	38	7/93 RFO	Bobbin	ADI		1.23	7TH TSP	+8.35
24	40	7/93 RFO	Bobbin	ODI	7	2.42	11TH TSP	+6.45
		7/93 RFO	C/L Special Int	VOL		1.35	11TH TSP	+6.27
24	44	7/93 RFO	C/L Special Int	VOL		0.32	9TH TSP	-10.15
24	46	7/93 RFO	C/L Special Int	VOL		0.52	16TH TSP	+9.04
24	49	7/93 RFO	H/L Tubesheet	SAI		0.21	TTS-HL	-3.36
24	65	7/93 RFO	C/L Special Int	VOL		0.31	13TH TSP	+10.67
24	69	7/93 RFO	Bobbin	NQI		0.84	5TH TSP	+0.00
24	73	7/93 RFO	Bobbin	ODI	28	0.64	3RD TSP	+17.04
		7/93 RFO	H/L Special Int	VOL		0.49	3RD TSP	+17.04
		7/93 RFO	H/L Special Int	VOL		0.71	3RD TSP	+19.57
		7/93 RFO	C/L Special Int	VOL		1.67	19TH TSP	+0.35
25	17	7/93 RFO	Bobbin	ODI	5	2.18	5TH TSP	+5.57
		7/93 RFO	H/L Special Int	VOL		0.50	5TH TSP	+28.49
		7/93 RFO	H/L Special Int	VOL		0.94	5TH TSP	+5.57
25	29	7/93 RFO	H/L Tubesheet	SAI		13.72	TTS-HL	-3.74
25	30	7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	-11.95
25	39	7/93 RFO	C/L Special Int	VOL		0.84	10TH TSP	-10.16
25	44	7/93 RFO	Bobbin	NQI		0.92	4TH TSP	+28.40
25	48	7/93 RFO	Bobbin	IDI	40	2.84	TE-HL	+18.07
		7/93 RFO	H/L Tubesheet	SAI		2.67	TTS-HL	-3.41

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	SAI		2.73	TTS-HL	-2.92
25	55	7/93 RFO	Bobbin	IDI	40	11.90	TE-HL	+9.20
25	56	7/93 RFO	Bobbin	NQI		1.18	5TH TSP	+36.98
		7/93 RFO	H/L Special Int	VOL		1.07	6TH TSP	-7.71
25	65	7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	+7.37
25	74	7/93 RFO	C/L Special Int	VOL		1.41	22ND TSP	+10.81
26	9	7/93 RFO	C/L Special Int	VOL		0.50	10TH TSP	-3.85
26	20	7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	+10.52
26	28	7/93 RFO	C/L Special Int	VOL		0.41	12TH TSP	+15.69
26	36	7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+19.34
26	45	7/93 RFO	Bobbin	IDI	40	24.02	TE-HL	+15.98
26	48	7/93 RFO	C/L Special Int	VOL		0.91	9TH TSP	-2.03
26	61	7/93 RFO	C/L Special Int	VOL		0.64	15TH TSP	+7.45
26	62	7/93 RFO	C/L Special Int	VOL		0.33	10TH TSP	+26.65
26	64	7/93 RFO	C/L Special Int	VOL		0.54	12TH TSP	-1.51
26	69	7/93 RFO	Bobbin	ODI	18	2.16	7TH TSP	+20.58
		7/93 RFO	H/L Special Int	VOL		0.91	7TH TSP	+20.99
26	74	7/93 RFO	Bobbin	ADI		5.06	10TH TSP	+29.15
26	78	7/93 RFO	C/L Special Int	VOL		0.49	22ND TSP	+6.81
26	83	7/93 RFO	Bobbin	WAR	11	0.62	4AVB	+0.00
		7/93 RFO	Bobbin	WAR	19	1.19	3AVB	+0.00
		7/93 RFO	Bobbin	ODI	12	2.07	10TH TSP	+27.36
		7/93 RFO	C/L Special Int	VOL		0.62	10TH TSP	+25.97
26	103	7/93 RFO	Bobbin	WAR	13	0.68	1AVB	+0.00
27	20	7/93 RFO	Bobbin	ODI	11	0.57	12TH TSP	+2.24
		7/93 RFO	C/L Special Int	VOL		0.32	13TH TSP	+18.44
		7/93 RFO	C/L Special Int	VOL		0.35	13TH TSP	+19.43
		7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+12.00
		7/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	+9.72
		7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	+2.51
		7/93 RFO	C/L Special Int	VOL		0.58	13TH TSP	+10.49
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	+11.53
27	21	7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+5.50
27	24	7/93 RFO	C/L Special Int	VOL		0.35	16TH TSP	+8.59
27	28	7/93 RFO	Bobbin	IDI	40	6.72	TE-HL	+9.64
27	39	7/93 RFO	Bobbin	IDI	40	18.28	TE-HL	+2.45
27	47	7/93 RFO	Bobbin	IDI	40	9.92	TE-HL	+5.20
		7/93 RFO	Bobbin	IDI	40	32.70	TE-HL	+5.60
		7/93 RFO	H/L Tubesheet	SAI		1.28	TTS-HL	+0.00
27	51	7/93 RFO	Bobbin	WAR	24	2.18	2AVB	+0.00
27	52	7/93 RFO	Bobbin	IDI	40	13.91	TE-HL	+5.34
27	61	7/93 RFO	Bobbin	IDI	40	5.91	TE-HL	+9.31
		7/93 RFO	Bobbin	IDI	40	9.26	TE-HL	+5.42
		7/93 RFO	Bobbin	IDI	40	17.51	TE-HL	+8.30
27	79	7/93 RFO	Bobbin	NQI		1.63	5TH TSP	+5.47
27	99	7/93 RFO	Bobbin	WAR	23	1.53	1AVB	+0.00
27	103	7/93 RFO	Bobbin	WAR	20	1.21	1AVB	+0.00
27	106	7/93 RFO	Bobbin	WAR	31	2.37	1AVB	+0.00
		7/93 RFO	Bobbin	NQI		1.05	6TH TSP	+4.59
28	11	7/93 RFO	Bobbin	ADI		5.02	9TH TSP	-4.78
		7/93 RFO	Bobbin	ADI		7.95	9TH TSP	-3.05
		7/93 RFO	Bobbin	NQI		1.86	10TH TSP	+37.96
		7/93 RFO	Bobbin	ODI	23	2.34	9TH TSP	-1.71
		7/93 RFO	Bobbin	ODI	33	0.75	9TH TSP	-3.79
		7/93 RFO	Bobbin	ODI	11	1.17	10TH TSP	+38.99
		7/93 RFO	Bobbin	ODI	11	2.14	10TH TSP	+41.78
		7/93 RFO	Bobbin	ODI	13	2.98	10TH TSP	+40.23
		7/93 RFO	Bobbin	ODI	23	0.77	10TH TSP	+35.48
		7/93 RFO	C/L Special Int	VOL		0.22	9TH TSP	-0.25
		7/93 RFO	C/L Special Int	VOL		0.49	9TH TSP	-6.65
		7/93 RFO	C/L Special Int	VOL		0.51	9TH TSP	-10.92
		7/93 RFO	C/L Special Int	VOL		0.80	9TH TSP	-7.87
		7/93 RFO	C/L Special Int	VOL		1.32	9TH TSP	-2.97
		7/93 RFO	C/L Special Int	VOL		1.33	9TH TSP	-5.06
28	13	7/93 RFO	Bobbin	IDI	40	8.17	TE-HL	+10.74



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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
28	27	7/93 RFO	Bobbin	ADI		3.90	1ST TSP	+10.01
		7/93 RFO	Bobbin	ADI		4.23	2ND TSP	+11.56
28	31	7/93 RFO	Bobbin	IDI	40	8.32	TE-HL	+3.99
28	39	7/93 RFO	H/L Tubesheet	MAI		0.20	TTS-HL	+0.00
		7/93 RFO	C/L Special Int	VOL		0.27	10TH TSP	-3.99
28	47	7/93 RFO	Bobbin	ODI	28	0.84	15TH TSP	+6.11
		7/93 RFO	C/L Special Int	VOL		0.70	15TH TSP	+6.33
28	51	7/93 RFO	C/L Special Int	VOL		0.22	16TH TSP	+4.24
28	82	7/93 RFO	Bobbin	ADI		5.14	4TH TSP	+11.51
		7/93 RFO	H/L Special Int	VOL		1.40	4TH TSP	+11.47
28	84	7/93 RFO	C/L Special Int	VOL		0.26	11TH TSP	+5.25
28	101	7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	-2.30
28	103	7/93 RFO	Bobbin	WAR	21	3.02	1AVB	+0.00
		7/93 RFO	C/L Special Int	VOL		0.55	11TH TSP	+13.46
29	16	7/93 RFO	Bobbin	IDI	40	9.84	TE-HL	+16.01
		7/93 RFO	H/L Special Int	SAI		5.75	TTS-HL	-5.23
29	29	7/93 RFO	Bobbin	ADI		1.47	11TH TSP	+3.65
29	51	7/93 RFO	Bobbin	WAR	23	2.03	1AVB	+0.00
29	53	7/93 RFO	Bobbin	ADI		3.40	11TH TSP	+35.86
		7/93 RFO	C/L Special Int	VOL		0.15	10TH TSP	-8.07
		7/93 RFO	C/L Special Int	VOL		0.52	10TH TSP	-18.03
29	70	7/93 RFO	Bobbin	ADI		3.41	5TH TSP	+7.68
		7/93 RFO	H/L Special Int	VOL		0.47	5TH TSP	+7.02
29	91	7/93 RFO	Bobbin	ADI		11.24	6TH TSP	+36.82
		7/93 RFO	Bobbin	ODI	4	1.09	16TH TSP	-0.20
		7/93 RFO	H/L Special Int	VOL		2.18	7TH TSP	-7.59
		7/93 RFO	C/L Special Int	VOL		0.63	16TH TSP	-0.35
29	103	7/93 RFO	Bobbin	WAR	12	0.77	1AVB	+0.00
29	104	7/93 RFO	Bobbin	WAR	28	2.03	1AVB	+0.00
30	43	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+25.10
30	95	7/93 RFO	Bobbin	WAR	21	1.26	2AVB	+0.00
30	99	7/93 RFO	Bobbin	WAR	23	1.51	1AVB	+0.00
30	103	7/93 RFO	Bobbin	WAR	13	0.73	1AVB	+0.00
30	104	7/93 RFO	Bobbin	WAR	18	1.04	1AVB	+0.00
31	21	7/93 RFO	Bobbin	NQI		0.76	20TH TSP	+4.88
31	27	7/93 RFO	Bobbin	IDI	40	29.91	TE-HL	+10.78
		7/93 RFO	C/L Special Int	VOL		0.42	19TH TSP	+2.13
31	38	7/93 RFO	C/L Special Int	VOL		0.90	21ST TSP	+5.32
31	44	7/93 RFO	C/L Special Int	VOL		0.78	12TH TSP	+20.68
		7/93 RFO	C/L Special Int	VOL		1.16	12TH TSP	+22.28
31	45	7/93 RFO	C/L Special Int	VOL		0.53	20TH TSP	+2.33
		7/93 RFO	C/L Special Int	VOL		0.65	20TH TSP	+0.89
31	65	7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+3.94
		7/93 RFO	C/L Special Int	VOL		0.65	12TH TSP	+5.62
31	67	7/93 RFO	Bobbin	ODI	5	0.40	15TH TSP	+6.61
		7/93 RFO	Bobbin	ODI	5	1.25	15TH TSP	+7.01
		7/93 RFO	C/L Special Int	VOL		0.19	15TH TSP	+6.68
		7/93 RFO	C/L Special Int	VOL		0.70	15TH TSP	+7.07
31	79	7/93 RFO	C/L Special Int	VOL		0.25	15TH TSP	+3.03
31	84	7/93 RFO	Bobbin	WAR	25	1.70	3AVB	+0.00
31	89	7/93 RFO	Bobbin	ADI		8.11	4TH TSP	+28.16
		7/93 RFO	H/L Special Int	VOL		1.07	4TH TSP	+28.35
31	94	7/93 RFO	C/L Special Int	VOL		0.53	11TH TSP	+18.13
32	20	7/93 RFO	Bobbin	IDI	40	8.31	TE-HL	+16.96
32	21	7/93 RFO	C/L Special Int	VOL		0.79	13TH TSP	-2.34
32	28	7/93 RFO	C/L Special Int	VOL		0.23	11TH TSP	+12.79
		7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+17.22
		7/93 RFO	C/L Special Int	VOL		0.60	12TH TSP	-8.63
		7/93 RFO	C/L Special Int	VOL		0.63	12TH TSP	-4.11
32	30	7/93 RFO	Bobbin	IDI	40	13.69	TE-HL	+14.69
		7/93 RFO	H/L Special Int	MAI		2.20	TTS-HL	-7.18
32	35	7/93 RFO	Bobbin	IDI	40	7.77	TE-HL	+17.37
		7/93 RFO	Bobbin	IDI	40	75.46	TE-HL	+15.49
		7/93 RFO	H/L Tubesheet	MAI		5.09	TTS-HL	-4.53
		7/93 RFO	H/L Tubesheet	MAI		6.08	TTS-HL	-4.63

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Tubesheet	MAI		9.02	TTS-HL	-6.74
32	43	7/93 RFO	C/L Special Int	VOL		0.44	15TH TSP	+3.83
		7/93 RFO	C/L Special Int	VOL		0.77	16TH TSP	+1.93
32	69	7/93 RFO	C/L Special Int	VOL		0.64	14TH TSP	-3.74
32	71	7/93 RFO	C/L Special Int	VOL		0.64	11TH TSP	-10.00
32	78	7/93 RFO	C/L Special Int	VOL		0.53	18TH TSP	+7.53
33	12	7/93 RFO	C/L Special Int	VOL		1.68	17TH TSP	+0.71
33	19	7/93 RFO	C/L Special Int	VOL		0.64	17TH TSP	-3.26
33	27	7/93 RFO	Bobbin	ODI	5	2.05	7TH TSP	+23.75
		7/93 RFO	H/L Special Int	VOL		1.98	7TH TSP	+24.41
33	69	7/93 RFO	Bobbin	ADI		6.01	9TH TSP	+15.29
		7/93 RFO	C/L Special Int	VOL		0.75	10TH TSP	+27.52
		7/93 RFO	C/L Special Int	VOL		0.95	10TH TSP	+19.27
33	77	7/93 RFO	Bobbin	IDI	40	5.39	TE-HL	+12.19
33	93	7/93 RFO	H/L Tubesheet	VOL		0.79	TTS-HL	+1.01
34	29	7/93 RFO	Bobbin	IDI	40	19.08	TE-HL	+5.01
		7/93 RFO	H/L Special Int	MAI		3.82	TTS-HL	-16.61
34	57	7/93 RFO	C/L Special Int	VOL		1.45	20TH TSP	+6.30
34	58	7/93 RFO	C/L Special Int	VOL		0.53	22ND TSP	+10.47
35	16	7/93 RFO	Bobbin	ADI		4.91	6TH TSP	+4.20
		7/93 RFO	H/L Special Int	VOL		0.46	6TH TSP	+4.10
35	21	7/93 RFO	Bobbin	NQI		1.07	22ND TSP	+8.41
		7/93 RFO	C/L Special Int	VOL		0.68	22ND TSP	+12.06
		7/93 RFO	C/L Special Int	VOL		0.70	22ND TSP	+8.41
		7/93 RFO	C/L Special Int	VOL		0.89	22ND TSP	+6.40
35	35	7/93 RFO	Bobbin	NQI		1.91	17TH TSP	+6.87
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+6.80
35	72	7/93 RFO	Bobbin	IDI	40	10.10	TE-HL	+11.77
		7/93 RFO	H/L Special Int	MAI		5.95	TTS-HL	-9.39
35	83	7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-1.50
		7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-2.78
		7/93 RFO	H/L Tubesheet	VOL		0.54	TTS-HL	-4.31
35	84	7/93 RFO	C/L Special Int	VOL		0.35	12TH TSP	-6.26
35	93	7/93 RFO	Bobbin	IDI	40	32.07	TE-HL	+12.00
		7/93 RFO	H/L Special Int	MAI		4.66	TTS-HL	-8.94
36	16	7/93 RFO	Bobbin	ODI	24	1.30	18TH TSP	+0.49
		7/93 RFO	C/L Special Int	VOL		0.97	18TH TSP	+0.50
36	23	7/93 RFO	C/L Special Int	VOL		1.05	12TH TSP	+29.47
36	38	7/93 RFO	Bobbin	ADI		4.67	11TH TSP	+19.47
		7/93 RFO	C/L Special Int	VOL		0.59	11TH TSP	+17.88
36	44	7/93 RFO	H/L Tubesheet	SAI		5.22	TTS-HL	-3.03
36	57	7/93 RFO	Bobbin	NQI		2.71	TTS-CL	+4.49
		7/93 RFO	C/L Special Int	VOL		1.16	TTS-CL	+4.49
36	63	7/93 RFO	Bobbin	IDI	40	8.34	TE-HL	+15.07
36	66	7/93 RFO	U-Bend	VOL		1.55	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	11	0.56	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	24	1.62	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	40	3.99	3AVB	+0.00
		7/93 RFO	Bobbin	IDI	40	9.20	TE-HL	+7.51
36	67	7/93 RFO	Bobbin	WAR	26	1.72	1AVB	+0.00
36	85	7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+9.99
37	24	7/93 RFO	C/L Special Int	VOL		1.00	10TH TSP	+20.55
37	45	7/93 RFO	Bobbin	IDI	40	13.40	TE-HL	+12.58
		7/93 RFO	H/L Special Int	MAI		21.64	TTS-HL	-7.93
37	55	7/93 RFO	Bobbin	ODI	2	0.95	TTS-CL	+2.42
37	58	7/93 RFO	Bobbin	ODI	29	1.99	4TH TSP	+39.73
37	60	7/93 RFO	C/L Special Int	VOL		0.74	10TH TSP	-3.50
37	62	7/93 RFO	Bobbin	WAR	32	2.99	1AVB	+0.00
37	88	7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+15.05
37	98	7/93 RFO	Bobbin	NQI		0.81	16TH TSP	-0.32
		7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-3.18
		7/93 RFO	C/L Special Int	VOL		0.94	16TH TSP	-0.34
38	19	7/93 RFO	Bobbin	ADI		7.30	14TH TSP	+9.30
		7/93 RFO	C/L Special Int	VOL		2.29	14TH TSP	+9.02
38	21	7/93 RFO	Bobbin	ADI		4.97	10TH TSP	+21.70

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.68	10TH TSP	+21.70
38	35	7/93 RFO	Bobbin	IDI	40	13.92	TE-HL	+11.08
38	45	7/93 RFO	Bobbin	IDI	40	15.19	TE-HL	+10.18
		7/93 RFO	Bobbin	IDI	40	15.94	TE-HL	+9.18
38	46	7/93 RFO	Bobbin	ADI		2.81	10TH TSP	+36.07
		7/93 RFO	C/L Special Int	VOL		0.28	9TH TSP	-7.93
38		7/93 RFO	Bobbin	ADI		10.19	5TH TSP	+21.48
		7/93 RFO	H/L Special Int	VOL		0.63	5TH TSP	+18.88
		7/93 RFO	H/L Special Int	VOL		0.65	5TH TSP	+16.97
		7/93 RFO	H/L Special Int	VOL		1.68	5TH TSP	+20.22
38	50	7/93 RFO	Bobbin	ADI		6.11	7TH TSP	+24.36
		7/93 RFO	H/L Special Int	VOL		0.65	7TH TSP	+23.37
		7/93 RFO	C/L Special Int	VOL		0.66	18TH TSP	+11.92
38	54	7/93 RFO	Bobbin	ADI		6.48	5TH TSP	+13.42
		7/93 RFO	H/L Special Int	VOL		0.99	5TH TSP	+13.27
38	55	7/93 RFO	Bobbin	WAR	22	1.89	1AVB	+0.00
38	57	7/93 RFO	Bobbin	IDI	40	17.63	TE-HL	+14.04
38	59	7/93 RFO	Bobbin	WAR	26	2.14	3AVB	+0.00
38	63	7/93 RFO	Bobbin	IDI	40	11.64	TE-HL	+7.95
38	76	7/93 RFO	Bobbin	IDI	40	5.35	TE-HL	+14.96
38	78	7/93 RFO	Bobbin	NQI		0.17	3RD TSP	-0.02
38	80	7/93 RFO	C/L Special Int	VOL		0.30	17TH TSP	+1.72
		7/93 RFO	C/L Special Int	VOL		0.61	18TH TSP	+8.36
38	83	7/93 RFO	C/L Special Int	VOL		0.51	10TH TSP	-7.17
38	91	7/93 RFO	Bobbin	IDI	40	6.13	TE-HL	+2.06
		7/93 RFO	Bobbin	IDI	40	7.48	TE-HL	+6.95
		7/93 RFO	Bobbin	IDI	40	9.40	TE-HL	+11.04
38	96	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	+21.84
		7/93 RFO	C/L Special Int	VOL		1.03	11TH TSP	+25.52
39	19	7/93 RFO	Bobbin	WAR	14	1.09	2AVB	+0.00
39	30	7/93 RFO	Bobbin	ODI	31	0.44	10TH TSP	+18.64
		7/93 RFO	H/L Tubesheet	SAI		0.74	TTS-HL	-0.08
		7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+18.52
39	32	7/93 RFO	Bobbin	IDI	40	29.88	TE-HL	+11.56
39	35	7/93 RFO	Bobbin	IDI	40	4.26	TE-HL	+15.10
		7/93 RFO	H/L Tubesheet	SAI		4.44	TTS-HL	-5.80
		7/93 RFO	H/L Special Int	SAI		4.08	TTS-HL	-6.10
39	36	7/93 RFO	Bobbin	IDI	40	12.33	TE-HL	+6.17
39	39	7/93 RFO	H/L Tubesheet	VOL		1.44	TTS-HL	+0.01
		7/93 RFO	C/L Special Int	VOL		0.54	9TH TSP	-4.85
39	48	7/93 RFO	Bobbin	ADI		3.47	10TH TSP	+10.80
		7/93 RFO	C/L Special Int	VOL		0.22	10TH TSP	+17.03
		7/93 RFO	C/L Special Int	VOL		0.36	10TH TSP	+10.80
39	52	7/93 RFO	Bobbin	IDI	40	6.36	TE-HL	+13.02
39	57	7/93 RFO	Bobbin	IDI	40	4.25	TE-HL	+9.21
39	61	7/93 RFO	C/L Special Int	VOL		0.48	21ST TSP	+2.61
39	63	7/93 RFO	C/L Special Int	VOL		0.42	12TH TSP	+6.49
39	65	7/93 RFO	Bobbin	WAR	18	1.35	1AVB	+0.00
39	70	7/93 RFO	Bobbin	WAR	19	1.52	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	22	1.84	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	2.24	3AVB	+0.00
39	71	7/93 RFO	Bobbin	WAR	34	2.82	2AVB	+0.00
39	83	7/93 RFO	Bobbin	NQI		0.75	6TH TSP	+29.19
		7/93 RFO	H/L Special Int	VOL		0.45	6TH TSP	+2.46
		7/93 RFO	H/L Special Int	VOL		0.61	6TH TSP	+29.57
		7/93 RFO	H/L Special Int	VOL		0.67	6TH TSP	+17.13
40	24	7/93 RFO	U-Bend	VOL		0.31	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	15	1.05	3AVB	+0.00
40	27	7/93 RFO	Bobbin	IDI	40	14.37	TE-HL	+16.45
		7/93 RFO	H/L Tubesheet	MAI		2.03	TTS-HL	-4.85
40	32	7/93 RFO	U-Bend	VOL		0.84	3AVB	+0.00
		7/93 RFO	U-Bend	VOL		1.13	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	31	2.65	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	39	4.53	3AVB	+0.00
40	34	7/93 RFO	U-Bend	VOL		0.28	2AVB	+0.00

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	U-Bend	VOL		1.38	3AVB	+0.00 2AVB
		7/93 RFO	Bobbin	WAR	17	1.09	2AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	45	6.85	3AVB	+0.00 9TH TSP
40	36	7/93 RFO	Bobbin	WAR	15	1.02	2AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	NQI		0.58	12TH TSP	+1.30 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.46	12TH TSP	+1.32 12TH TSP
40	38	7/93 RFO	Bobbin	ADI		1.90	19TH TSP	+3.97 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.31	19TH TSP	+3.68 19TH TSP
40	42	7/93 RFO	C/L Special Int	VOL		0.75	TTS-CL	+3.53 22ND TSP
40	43	7/93 RFO	Bobbin	IDI	40	11.20	TE-HL	+17.17 9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		1.54	TTS-HL	-3.72 TTS-HL
		7/93 RFO	H/L Special Int	MAI		9.52	TTS-HL	-3.53 TTS-HL
40	48	7/93 RFO	Bobbin	ODI	34	1.16	1ST TSP	+12.82 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.79	2ND TSP	-6.49 2ND TSP
		7/93 RFO	H/L Special Int	VOL		0.88	2ND TSP	-8.24 2ND TSP
40	70	7/93 RFO	U-Bend	VOL		0.32	3AVB	+0.00 8TH TSP
		7/93 RFO	U-Bend	VOL		0.75	2AVB	+0.00 8TH TSP
		7/93 RFO	Bobbin	WAR	27	1.95	3AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	36	3.19	2AVB	+0.00 9TH TSP
40	75	7/93 RFO	C/L Special Int	VOL		0.43	19TH TSP	+4.08 18TH TSP
40	76	7/93 RFO	C/L Special Int	VOL		0.57	17TH TSP	-6.26 17TH TSP
40	85	7/93 RFO	C/L Special Int	VOL		0.51	16TH TSP	+1.51 16TH TSP
40	95	7/93 RFO	Bobbin	NQI		6.55	12TH TSP	+35.90 9TH TSP
41	42	7/93 RFO	Bobbin	WAR	15	2.64	18TH TSP	+0.00 9TH TSP
41	44	7/93 RFO	Bobbin	WAR	18	3.18	18TH TSP	+0.00 9TH TSP
41	48	7/93 RFO	Bobbin	ADI		5.02	11TH TSP	+19.67 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	11TH TSP	+4.51 11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.90	11TH TSP	+26.47 11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	+14.61 11TH TSP
		7/93 RFO	C/L Special Int	VOL		1.39	11TH TSP	+22.25 11TH TSP
		7/93 RFO	C/L Special Int	VOL		1.43	11TH TSP	+19.12 11TH TSP
41	50	7/93 RFO	C/L Special Int	VOL		0.72	15TH TSP	+16.82 15TH TSP
41	52	7/93 RFO	Bobbin	NQI		3.00	4AVB	+17.14 9TH TSP
41	55	7/93 RFO	U-Bend	VOL		0.85	1AVB	+0.00 8TH TSP
		7/93 RFO	Bobbin	WAR	26	2.47	1AVB	+0.00 9TH TSP
41	61	7/93 RFO	C/L Special Int	VOL		0.42	21ST TSP	+5.93 20TH TSP
41	71	7/93 RFO	C/L Special Int	VOL		0.79	16TH TSP	+1.30 16TH TSP
41	74	7/93 RFO	U-Bend	VOL		0.66	1AVB	+0.00 8TH TSP
		7/93 RFO	Bobbin	WAR	23	2.30	1AVB	+0.00 9TH TSP
41	75	7/93 RFO	Bobbin	IDI	40	13.28	TE-HL	+6.06 9TH TSP
41	78	7/93 RFO	Bobbin	WAR	18	1.41	1AVB	+0.00 10TH TSP
		7/93 RFO	Bobbin	ODI	28	1.71	4TH TSP	+17.56 10TH TSP
		7/93 RFO	H/L Special Int	VOL		2.24	4TH TSP	+17.65 4TH TSP
41	80	7/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+3.73 10TH TSP
41	85	7/93 RFO	H/L Tubesheet	MAI		0.42	TTS-HL	-1.16 TTS-HL
41	88	7/93 RFO	Bobbin	IDI	40	12.82	TE-HL	+13.57 9TH TSP
		7/93 RFO	H/L Special Int	SAI		2.69	TTS-HL	-7.91 TTS-HL
42	38	7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	-14.08 10TH TSP
42	62	7/93 RFO	Bobbin	WAR	22	2.11	1AVB	+0.00 9TH TSP
42	72	7/93 RFO	U-Bend	VOL		1.42	2AVB	+0.00 8TH TSP
		7/93 RFO	U-Bend	VOL		2.24	1AVB	+0.00 8TH TSP
		7/93 RFO	Bobbin	WAR	34	3.99	2AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	42	5.74	1AVB	+0.00 9TH TSP
42	76	7/93 RFO	Bobbin	IDI	40	11.10	TE-HL	+7.58 9TH TSP
42	78	7/93 RFO	Bobbin	WAR	23	2.20	1AVB	+0.00 9TH TSP
43	63	7/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+28.31 11TH TSP
43	68	7/93 RFO	Bobbin	IDI	40	15.94	TE-HL	+13.26 9TH TSP
		7/93 RFO	H/L Special Int	SAI		1.27	TTS-HL	-7.77 TTS-HL
43	86	7/93 RFO	H/L Tubesheet	VOL		0.65	TTS-HL	-1.63 TTS-HL
44	31	7/93 RFO	Bobbin	NQI		0.83	15TH TSP	+8.48 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.69	15TH TSP	+8.76 15TH TSP
44	50	7/93 RFO	H/L Tubesheet	SCI		1.52	TTS-HL	-0.07 TTS-HL
44	57	7/93 RFO	Bobbin	IDI	40	31.11	TE-HL	+14.20 9TH TSP
44	58	7/93 RFO	C/L Special Int	VOL		0.67	11TH TSP	+13.47 11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.85	11TH TSP	+22.07 11TH TSP

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
44	61	7/93 RFO	Bobbin	IDI	40	12.58	TE-HL	+8.29
		7/93 RFO	Bobbin	IDI	40	18.36	TE-HL	+10.49
44	63	7/93 RFO	Bobbin	IDI	40	21.14	TE-HL	+7.81
44	84	7/93 RFO	C/L Special Int	VOL		0.40	10TH TSP	+20.97
45	28	7/93 RFO	Bobbin	ADI		9.06	10TH TSP	+28.35
		7/93 RFO	C/L Special Int	VOL		1.69	9TH TSP	-16.41
45	31	7/93 RFO	Bobbin	ODI	40	10.86	TE-HL	+17.28
		7/93 RFO	H/L Special Int	SAI		0.89	TTS-HL	-3.92
45	51	7/93 RFO	Bobbin	IDI	40	54.21	TE-HL	+14.17
45	53	7/93 RFO	H/L Tubesheet	SAI		1.28	TTS-HL	+0.08
45	64	7/93 RFO	H/L Tubesheet	SAI		1.30	TTS-HL	+0.07
46	47	7/93 RFO	Bobbin	NQI		0.76	5TH TSP	+29.44
		7/93 RFO	H/L Special Int	VOL		0.38	5TH TSP	+27.61
46	75	7/93 RFO	H/L Tubesheet	SAI		0.54	TTS-HL	+0.00
47	75	7/93 RFO	C/L Special Int	VOL		0.38	TTS-CL	+3.62
47	78	7/93 RFO	C/L Special Int	VOL		0.75	12TH TSP	+41.78
48	53	7/93 RFO	Bobbin	ADI		6.19	7TH TSP	+29.52
		7/93 RFO	Bobbin	ADI		4.99	11TH TSP	+28.92
		7/93 RFO	H/L Special Int	VOL		1.98	7TH TSP	+28.20
		7/93 RFO	C/L Special Int	VOL		1.17	10TH TSP	-16.93
48	67	7/93 RFO	C/L Special Int	VOL		0.70	13TH TSP	+13.55
48	70	7/93 RFO	H/L Tubesheet	SAI		0.72	TTS-HL	-0.11
49	71	7/93 RFO	Bobbin	IDI	40	15.92	TE-HL	+4.32
49	73	7/93 RFO	Bobbin	IDI	40	4.13	TE-HL	+17.38
		7/93 RFO	H/L Tubesheet	VOL		0.68	TTS-HL	-2.86
		7/93 RFO	H/L Tubesheet	VOL		1.67	TTS-HL	-4.07
49	74	7/93 RFO	Bobbin	WAR	9	1.62	15TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.34	15TH TSP	-0.17
49	76	7/93 RFO	C/L Special Int	VOL		0.74	17TH TSP	+7.31
		7/93 RFO	C/L Special Int	VOL		0.81	17TH TSP	-0.10

Total Indications Found = 875

Total Tubes Found = 478

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	TW	VOLTS	LOCATION	EXTENT1
2	24	7/93 RFO	Bobbin	NQI		3.95	15TH TSP	+8.80
		7/93 RFO	Bobbin	NQI		10.23	14TH TSP	+2.74
2	46	7/93 RFO	Bobbin	IDI	40	10.61	TE-HL	+13.80
		7/93 RFO	Bobbin	IDI	97	4.92	TE-HL	+13.52
2	62	7/93 RFO	Bobbin	ADI		5.18	2ND TSP	+13.13
		7/93 RFO	Bobbin	ADI		5.77	2ND TSP	+12.86
2	68	7/93 RFO	Bobbin	ADI		4.87	2ND TSP	+5.42
		7/93 RFO	Bobbin	ADI		5.50	2ND TSP	+5.45
2	93	7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+21.18
3	8	7/93 RFO	Bobbin	ADI		5.80	3RD TSP	+27.69
3	16	7/93 RFO	Bobbin	ODI	16	5.94	10TH TSP	+1.90
		7/93 RFO	C/L Special Int	VOL		1.67	10TH TSP	+2.82
3	33	7/93 RFO	C/L Special Int	VOL		0.53	19TH TSP	+17.62
3	58	7/93 RFO	Bobbin	ADI		4.47	3RD TSP	+14.37
		7/93 RFO	H/L Special Int	VOL		0.44	3RD TSP	+14.23
3	65	7/93 RFO	H/L Tubesheet	SAI		0.92	TTS-HL	+0.19
3	77	7/93 RFO	Bobbin	IDI	40	17.02	TE-HL	+2.41
3	86	7/93 RFO	Bobbin	ADI		2.60	12TH TSP	+14.54
		7/93 RFO	Bobbin	ADI		2.82	12TH TSP	+5.39
		7/93 RFO	C/L Special Int	VOL		0.35	13TH TSP	+7.34
		7/93 RFO	C/L Special Int	VOL		0.72	12TH TSP	+3.25
		7/93 RFO	C/L Special Int	VOL		0.82	12TH TSP	+5.68
		7/93 RFO	C/L Special Int	VOL		1.13	14TH TSP	+8.47
3	107	7/93 RFO	Bobbin	ADI		5.85	1ST TSP	+5.67
		7/93 RFO	H/L Special Int	VOL		0.45	1ST TSP	+5.40
		7/93 RFO	H/L Special Int	VOL		0.55	1ST TSP	+2.74
4	12	7/93 RFO	C/L Special Int	VOL		0.34	13TH TSP	+4.76
4	20	7/93 RFO	Bobbin	ADI		7.77	4TH TSP	+25.72
		7/93 RFO	H/L Special Int	VOL		0.60	4TH TSP	+17.78
		7/93 RFO	H/L Special Int	VOL		1.00	4TH TSP	+5.81
		7/93 RFO	H/L Special Int	VOL		1.05	4TH TSP	+10.16
		7/93 RFO	H/L Special Int	VOL		1.54	4TH TSP	+27.43
		7/93 RFO	C/L Special Int	VOL		0.86	20TH TSP	+3.25
4	23	7/93 RFO	Bobbin	ODI	8	1.57	5TH TSP	+39.68
		7/93 RFO	H/L Special Int	VOL		1.34	6TH TSP	-4.95
		7/93 RFO	C/L Special Int	VOL		0.57	11TH TSP	-5.51
4	24	7/93 RFO	C/L Special Int	VOL		0.52	11TH TSP	+8.85
		7/93 RFO	C/L Special Int	VOL		0.86	11TH TSP	+7.10
4	37	7/93 RFO	Bobbin	IDI	68	14.48	TE-HL	+4.18
4	73	7/93 RFO	Bobbin	IDI	40	10.29	TE-HL	+15.14
4	76	7/93 RFO	Bobbin	NQI		0.22	6TH TSP	-0.36
4	78	7/93 RFO	Bobbin	NQI		0.76	3RD TSP	+0.00
		7/93 RFO	H/L Special Int	SAI		0.22	3RD TSP	+0.00
4	79	7/93 RFO	Bobbin	ADI		4.53	10TH TSP	+32.61
		7/93 RFO	C/L Special Int	VOL		0.76	9TH TSP	-13.20
4	97	7/93 RFO	Bobbin	ADI		11.04	2ND TSP	+22.07
		7/93 RFO	H/L Special Int	VOL		0.86	3RD TSP	-2.38
4	98	7/93 RFO	Bobbin	IDI	40	7.37	TE-HL	+19.00
		7/93 RFO	H/L Special Int	SAI		0.31	TTS-HL	-2.04
4	108	7/93 RFO	H/L Tubesheet	SAI		1.27	TTS-HL	-4.83
5	23	7/93 RFO	C/L Special Int	VOL		0.71	12TH TSP	+2.91
5	56	7/93 RFO	C/L Special Int	VOL		0.42	17TH TSP	+6.12
5	70	7/93 RFO	Bobbin	IDI	40	27.94	TE-HL	+4.17
5	95	7/93 RFO	H/L Special Int	VOL		0.47	6TH TSP	+4.74
		7/93 RFO	H/L Special Int	VOL		0.89	6TH TSP	+11.83
		7/93 RFO	H/L Special Int	VOL		1.04	6TH TSP	+8.96
		7/93 RFO	H/L Special Int	VOL		1.15	6TH TSP	+14.60
		7/93 RFO	H/L Special Int	VOL		1.21	6TH TSP	+13.35
		7/93 RFO	H/L Special Int	VOL		1.23	6TH TSP	+10.29
		7/93 RFO	H/L Special Int	VOL		1.65	6TH TSP	-0.72
5	113	7/93 RFO	Bobbin	IDI	40	8.22	TE-HL	+16.12
6	42	7/93 RFO	C/L Special Int	VOL		0.30	11TH TSP	+2.51
		7/93 RFO	C/L Special Int	VOL		0.34	13TH TSP	+7.09
		7/93 RFO	C/L Special Int	VOL		0.36	12TH TSP	+31.94
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+23.19

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	+19.86
		7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+28.49
		7/93 RFO	C/L Special Int	VOL		0.54	13TH TSP	+8.34
		7/93 RFO	C/L Special Int	VOL		0.57	16TH TSP	+7.79
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+10.89
		7/93 RFO	C/L Special Int	VOL		0.80	12TH TSP	+36.03
6	45	7/93 RFO	Bobbin	ADI		4.61	11TH TSP	+24.51
		7/93 RFO	Bobbin	ADI		4.89	10TH TSP	+17.89
		7/93 RFO	Bobbin	ADI		6.32	10TH TSP	+25.47
		7/93 RFO	C/L Special Int	VOL		0.70	11TH TSP	+24.93
		7/93 RFO	C/L Special Int	VOL		1.21	10TH TSP	+26.13
6	46	7/93 RFO	Bobbin	ADI		7.73	17TH TSP	+5.79
6	59	7/93 RFO	C/L Special Int	VOL		0.27	13TH TSP	-2.95
		7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	-4.22
6	64	7/93 RFO	C/L Special Int	VOL		0.81	10TH TSP	-4.39
6	66	7/93 RFO	Bobbin	IDI	40	7.06	TE-HL	+20.03
		7/93 RFO	H/L Special Int	MAI		0.64	TTS-HL	-1.16
6	69	7/93 RFO	Bobbin	IDI	40	8.84	TE-HL	+8.58
6	70	7/93 RFO	Bobbin	IDI	40	13.42	TE-HL	+7.62
6	77	7/93 RFO	Bobbin	IDI	40	8.75	TE-HL	+6.69
6	82	7/93 RFO	Bobbin	ADI		4.82	12TH TSP	+27.88
		7/93 RFO	C/L Special Int	VOL		0.58	11TH TSP	-20.08
6	83	7/93 RFO	H/L Tubesheet	SAI		1.21	TTS-HL	-0.90
6	104	7/93 RFO	Bobbin	ADI		4.29	TTS-CL	+4.66
7	8	7/93 RFO	C/L Special Int	VOL		1.19	TTS-CL	+6.16
7	56	7/93 RFO	Bobbin	IDI	40	14.95	TE-HL	+11.94
7	79	7/93 RFO	C/L Special Int	VOL		0.43	9TH TSP	-23.12
7	92	7/93 RFO	H/L Tubesheet	SAI		0.94	TTS-HL	-0.08
7	94	7/93 RFO	Bobbin	IDI	40	9.75	TE-HL	+10.84
8	48	7/93 RFO	C/L Special Int	VOL		0.51	21ST TSP	+2.63
8	56	7/93 RFO	Bobbin	NQI		1.24	22ND TSP	+10.12
		7/93 RFO	C/L Special Int	VOL		2.44	21ST TSP	-12.36
8	68	7/93 RFO	C/L Special Int	VOL		0.60	11TH TSP	-24.70
8	78	7/93 RFO	Bobbin	NQI		2.34	4TH TSP	+15.87
		7/93 RFO	H/L Special Int	VOL		2.28	4TH TSP	+15.95
8	100	7/93 RFO	H/L Tubesheet	VOL		3.04	TTS-HL	+0.57
8	104	7/93 RFO	Bobbin	IDI	40	32.62	TE-HL	+6.89
9	4	7/93 RFO	C/L Special Int	VOL		0.82	10TH TSP	+22.52
9	5	7/93 RFO	Bobbin	NQI		0.79	5TH TSP	+24.42
		7/93 RFO	H/L Special Int	VOL		1.39	6TH TSP	-21.11
9	7	7/93 RFO	Bobbin	ODI	16	4.71	10TH TSP	+10.14
		7/93 RFO	Bobbin	ODI	22	1.57	15TH TSP	+1.65
		7/93 RFO	C/L Special Int	VOL		1.10	10TH TSP	+10.34
		7/93 RFO	C/L Special Int	VOL		1.57	15TH TSP	+1.70
9	9	7/93 RFO	C/L Special Int	VOL		1.61	11TH TSP	-4.05
9	12	7/93 RFO	C/L Special Int	VOL		0.74	17TH TSP	-5.65
9	34	7/93 RFO	Bobbin	NQI		1.05	22ND TSP	+3.26
9	74	7/93 RFO	Bobbin	ODI	9	0.35	11TH TSP	+11.58
9	75	7/93 RFO	Bobbin	ADI		0.82	10TH TSP	+36.05
		7/93 RFO	Bobbin	ODI	37	0.70	10TH TSP	+41.23
9	81	7/93 RFO	Bobbin	ADI		0.44	22ND TSP	+10.07
9	89	7/93 RFO	C/L Special Int	VOL		0.68	18TH TSP	+4.19
9	92	7/93 RFO	C/L Special Int	VOL		1.67	TTS-CL	+3.87
9	93	7/93 RFO	Bobbin	ADI		1.50	17TH TSP	+2.63
9	105	7/93 RFO	Bobbin	NQI		0.76	2ND TSP	-0.02
9	108	7/93 RFO	Bobbin	IDI	40	15.70	TE-HL	+14.79
10	6	7/93 RFO	C/L Special Int	VOL		0.64	20TH TSP	+4.86
10	15	7/93 RFO	Bobbin	NQI		1.11	3RD TSP	+0.00
		7/93 RFO	H/L Special Int	SAI		0.84	3RD TSP	+0.01
10	24	7/93 RFO	C/L Special Int	VOL		0.57	TTS-CL	+6.49
		7/93 RFO	C/L Special Int	VOL		0.36	21ST TSP	+5.09
		7/93 RFO	C/L Special Int	VOL		0.43	21ST TSP	+7.51
10	30	7/93 RFO	C/L Special Int	VOL		0.84	14TH TSP	+10.01
10	37	7/93 RFO	H/L Tubesheet	VOL		1.63	TTS-HL	+0.58
		7/93 RFO	C/L Special Int	VOL		0.47	17TH TSP	+2.26

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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	TW	VOLTS	LOCATION	EXTENT1	
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+6.90	17TH TSP
		7/93 RFO	C/L Special Int	VOL		1.38	22ND TSP	+6.98	22ND TSP
10	46	7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+2.61	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+11.64	12TH TSP
10	59	7/93 RFO	Bobbin	IDI	40	51.19	TE-HL	+12.33	9TH TSP
10	60	7/93 RFO	Bobbin	ODI	13	0.64	12TH TSP	+7.88	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	12TH TSP	+7.94	12TH TSP
10	61	7/93 RFO	Bobbin	ODI	14	1.88	1ST TSP	+1.96	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.19	1ST TSP	+1.99	1ST TSP
10	69	7/93 RFO	Bobbin	NQI		0.53	17TH TSP	+8.54	9TH TSP
10	77	7/93 RFO	Bobbin	ADI		7.95	13TH TSP	+20.25	2ND TSP
		7/93 RFO	C/L Special Int	VOL		1.07	12TH TSP	-2.13	12TH TSP
10	80	7/93 RFO	Bobbin	NQI		0.41	22ND TSP	+9.16	9TH TSP
10	113	7/93 RFO	Bobbin	NQI		0.32	12TH TSP	+3.85	9TH TSP
		7/93 RFO	Bobbin	ODI	22	1.28	12TH TSP	+8.17	9TH TSP
		7/93 RFO	Bobbin	ODI	23	0.38	12TH TSP	+1.23	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+1.98	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+3.91	12TH TSP
11	2	7/93 RFO	C/L Special Int	VOL		0.88	16TH TSP	-4.26	16TH TSP
11	4	7/93 RFO	C/L Special Int	VOL		0.33	16TH TSP	+3.74	16TH TSP
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+3.67	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+6.98	18TH TSP
11	6	7/93 RFO	C/L Special Int	VOL		0.61	16TH TSP	+3.89	16TH TSP
		7/93 RFO	C/L Special Int	VOL		0.83	16TH TSP	+6.74	16TH TSP
11	7	7/93 RFO	Bobbin	NQI		0.95	18TH TSP	+12.86	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	18TH TSP	+12.66	18TH TSP
11	21	7/93 RFO	C/L Special Int	VOL		0.51	TTS-CL	+4.90	TTS-HL
11	22	7/93 RFO	Bobbin	NQI		0.83	18TH TSP	+3.36	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.16	18TH TSP	+3.29	18TH TSP
11	25	7/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	+15.34	12TH TSP
11	29	7/93 RFO	Bobbin	ODI	20	1.17	1ST TSP	+3.17	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.85	1ST TSP	+3.57	1ST TSP
11	35	7/93 RFO	C/L Special Int	VOL		1.37	11TH TSP	+1.71	11TH TSP
11	41	7/93 RFO	Bobbin	NQI		1.81	22ND TSP	+8.46	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.77	13TH TSP	+7.00	13TH TSP
11	47	7/93 RFO	C/L Special Int	VOL		1.52	10TH TSP	+8.54	10TH TSP
11	48	7/93 RFO	Bobbin	IDI	40	14.75	TE-HL	+4.27	9TH TSP
11	52	7/93 RFO	Bobbin	ODI	25	3.01	11TH TSP	+18.48	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.63	11TH TSP	+19.62	11TH TSP
11	70	7/93 RFO	H/L Tubesheet	MAI		1.68	TTS-HL	-3.62	TTS-HL
11	77	7/93 RFO	Bobbin	IDI	40	16.91	TE-HL	+10.32	9TH TSP
11	79	7/93 RFO	Bobbin	ODI	25	2.61	10TH TSP	+25.20	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.90	10TH TSP	+25.93	10TH TSP
11	87	7/93 RFO	Bobbin	ADI		3.40	14TH TSP	+5.80	9TH TSP
		7/93 RFO	Bobbin	NQI		0.38	11TH TSP	+14.90	9TH TSP
11	89	7/93 RFO	Bobbin	ODI	28	1.71	12TH TSP	+42.56	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.04	11TH TSP	-1.94	11TH TSP
11	91	7/93 RFO	C/L Special Int	VOL		0.76	11TH TSP	+15.09	11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	11TH TSP	+18.22	11TH TSP
11	92	7/93 RFO	Bobbin	ODI	17	0.97	12TH TSP	+29.26	9TH TSP
11	94	7/93 RFO	H/L Tubesheet	SAI		0.44	TTS-HL	-0.04	TTS-HL
11	99	7/93 RFO	Bobbin	ODI	3	0.78	12TH TSP	+39.25	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	-5.87	11TH TSP
12	8	7/93 RFO	Bobbin	ADI		5.83	7TH TSP	+10.85	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.50	7TH TSP	+10.87	7TH TSP
12	17	7/93 RFO	C/L Special Int	VOL		0.84	17TH TSP	+6.73	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.92	17TH TSP	+2.29	17TH TSP
12	23	7/93 RFO	Bobbin	NQI		0.19	3RD TSP	+0.10	9TH TSP
12	39	7/93 RFO	Bobbin	NQI		0.12	3RD TSP	-0.08	9TH TSP
12	40	7/93 RFO	Bobbin	ADI		12.45	11TH TSP	+28.43	9TH TSP
		7/93 RFO	C/L Special Int	VOL		2.34	11TH TSP	+29.79	11TH TSP
12	42	7/93 RFO	C/L Special Int	VOL		0.50	14TH TSP	+8.51	14TH TSP
12	48	7/93 RFO	Bobbin	ADI		3.03	12TH TSP	+40.56	9TH TSP
		7/93 RFO	Bobbin	ODI	7	2.66	4TH TSP	+7.91	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.52	4TH TSP	+5.07	4TH TSP



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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	VOL		0.70	4TH TSP	+8.89 4TH TSP
12	55	7/93 RFO	H/L Special Int	VOL		0.66	6TH TSP	+5.05 6TH TSP
12	56	7/93 RFO	Bobbin	NQI		0.57	13TH TSP	+17.88 9TH TSP
12	57	7/93 RFO	Bobbin	ODI	18	4.58	16TH TSP	+2.85 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.19	16TH TSP	+2.82 16TH TSP
12	75	7/93 RFO	Bobbin	IDI	40	8.69	TE-HL	+8.92 9TH TSP
12	79	7/93 RFO	C/L Special Int	VOL		0.13	12TH TSP	+18.84 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+20.75 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.64	12TH TSP	+16.28 12TH TSP
12	91	7/93 RFO	C/L Special Int	VOL		0.79	15TH TSP	+6.81 15TH TSP
12	112	7/93 RFO	Bobbin	IDI	40	23.08	TE-HL	+15.85 9TH TSP
13	15	7/93 RFO	C/L Special Int	VOL		1.53	11TH TSP	+27.50 11TH TSP
13	26	7/93 RFO	Bobbin	IDI	40	3.23	TE-HL	+6.58 9TH TSP
13	38	7/93 RFO	Bobbin	IDI	40	2.66	TE-HL	+12.51 9TH TSP
13	53	7/93 RFO	Bobbin	ADI		6.32	18TH TSP	+8.58 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	+8.13 18TH TSP
13	58	7/93 RFO	Bobbin	IDI	40	12.12	TE-HL	+15.42 9TH TSP
		7/93 RFO	H/L Special Int	MAI		1.07	TTS-HL	-5.92 TTS-HL
13	67	7/93 RFO	Bobbin	ADI		9.19	4TH TSP	+16.38 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.98	4TH TSP	+16.19 4TH TSP
13	96	7/93 RFO	Bobbin	IDI	40	8.79	TE-HL	+6.02 9TH TSP
		7/93 RFO	Bobbin	IDI	40	14.02	TE-HL	+8.86 9TH TSP
14	14	7/93 RFO	Bobbin	IDI	40	7.54	TE-HL	+18.10 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.89	18TH TSP	+16.80 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.95	11TH TSP	-14.65 11TH TSP
14	44	7/93 RFO	Bobbin	IDI	40	12.51	TE-HL	+17.04 9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		2.95	TTS-HL	-4.19 TTS-HL
15	23	7/93 RFO	Bobbin	IDI	40	5.37	TE-HL	+3.70 9TH TSP
		7/93 RFO	Bobbin	NQI		0.14	3RD TSP	+0.07 9TH TSP
15	27	7/93 RFO	Bobbin	ODI	22	2.80	6TH TSP	+10.64 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.97	6TH TSP	+11.07 6TH TSP
15	38	7/93 RFO	Bobbin	IDI	40	9.86	TTS-HL	-0.81 9TH TSP
15	52	7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	+17.68 11TH TSP
15	60	7/93 RFO	Bobbin	ADI		2.17	12TH TSP	+20.06 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+19.53 12TH TSP
15	64	7/93 RFO	Bobbin	IDI	40	13.25	TE-HL	+18.11 9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		1.94	TTS-HL	-3.00 TTS-HL
15	75	7/93 RFO	H/L Tubesheet	VOL		0.21	TTS-HL	+2.19 TTS-HL
15	95	7/93 RFO	H/L Tubesheet	VOL		0.99	TTS-HL	-2.46 TTS-HL
		7/93 RFO	H/L Tubesheet	VOL		1.22	TTS-HL	+0.76 TTS-HL
15	102	7/93 RFO	Bobbin	ODI	11	1.68	15TH TSP	+3.29 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	15TH TSP	+3.97 15TH TSP
16	12	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+2.40 12TH TSP
16	13	7/93 RFO	Bobbin	ODI	17	1.05	13TH TSP	+5.89 9TH TSP
16	38	7/93 RFO	Bobbin	ADI		10.81	16TH TSP	+1.83 9TH TSP
16	49	7/93 RFO	C/L Special Int	VOL		0.84	10TH TSP	+25.52 10TH TSP
16	59	7/93 RFO	Bobbin	IDI	40	22.71	TE-HL	+8.51 9TH TSP
16	76	7/93 RFO	Bobbin	IDI	40	18.12	TE-HL	+6.21 9TH TSP
16	92	7/93 RFO	H/L Tubesheet	SAI		0.62	TTS-HL	+0.00 TTS-HL
16	105	7/93 RFO	C/L Special Int	VOL		0.32	13TH TSP	+17.92 13TH TSP
17	8	7/93 RFO	C/L Special Int	VOL		1.72	10TH TSP	+16.41 10TH TSP
17	11	7/93 RFO	Bobbin	NQI		1.59	5TH TSP	+31.36 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.59	6TH TSP	-14.06 6TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+13.41 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	13TH TSP	+1.52 13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	15TH TSP	+2.50 15TH TSP
17	19	7/93 RFO	C/L Special Int	SAI		1.42	16TH TSP	+2.11 16TH TSP
17	38	7/93 RFO	C/L Special Int	VOL		0.31	19TH TSP	+2.61 19TH TSP
17	45	7/93 RFO	Bobbin	IDI	40	2.50	TE-HL	+7.23 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	-0.48 18TH TSP
17	52	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+16.93 12TH TSP
17	55	7/93 RFO	C/L Special Int	VOL		0.70	18TH TSP	+19.94 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	18TH TSP	+18.37 18TH TSP
17	61	7/93 RFO	Bobbin	IDI	40	5.34	TE-HL	+5.98 9TH TSP
		7/93 RFO	Bobbin	IDI	40	18.27	TE-HL	+10.31 9TH TSP

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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
17	74	7/93 RFO	Bobbin	IDI	40	7.43	TE-HL	+16.86
		7/93 RFO	H/L Tubesheet	SAI		5.09	TTS-HL	-4.17
17	82	7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	+15.26
17	101	7/93 RFO	H/L Tubesheet	SAI		0.37	TTS-HL	+0.00
17	108	7/93 RFO	H/L Tubesheet	VOL		0.49	TTS-HL	-0.22
18	8	7/93 RFO	Bobbin	ODI	18	1.32	13TH TSP	+20.31
		7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+7.4
		7/93 RFO	C/L Special Int	VOL		0.88	12TH TSP	-1.72
18	14	7/93 RFO	C/L Special Int	VOL		0.35	20TH TSP	+2.09
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+1.36
		7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP	+2.27
		7/93 RFO	C/L Special Int	VOL		0.84	22ND TSP	+2.77
18	18	7/93 RFO	C/L Special Int	VOL		0.71	11TH TSP	+17.02
18	56	7/93 RFO	Bobbin	IDI	40	11.30	TE-HL	+16.88
		7/93 RFO	H/L Tubesheet	SAI		3.06	TTS-HL	-3.90
		7/93 RFO	H/L Special Int	SAI		3.14	TE-HL	+16.76
18	71	7/93 RFO	Bobbin	IDI	40	16.43	TE-HL	+17.25
		7/93 RFO	H/L Tubesheet	MAI		6.57	TTS-HL	-3.79
18	82	7/93 RFO	Bobbin	IDI	40	34.57	TE-HL	+16.18
		7/93 RFO	H/L Special Int	MAI		9.18	TTS-HL	-5.15
		7/93 RFO	C/L Special Int	VOL		0.24	11TH TSP	-4.97
18	103	7/93 RFO	Bobbin	IDI	40	31.19	TE-HL	+17.86
		7/93 RFO	H/L Tubesheet	MAI		9.18	TTS-HL	-3.20
18	108	7/93 RFO	Bobbin	ADI		4.18	18TH TSP	+4.95
19	6	7/93 RFO	C/L Special Int	VOL		0.41	12TH TSP	+20.69
		7/93 RFO	C/L Special Int	VOL		0.43	12TH TSP	+3.69
		7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+24.91
		7/93 RFO	C/L Special Int	VOL		0.54	12TH TSP	+26.45
		7/93 RFO	C/L Special Int	VOL		0.71	12TH TSP	+22.69
		7/93 RFO	C/L Special Int	VOL		0.85	12TH TSP	+6.29
19	21	7/93 RFO	Bobbin	IDI	40	2.70	TE-HL	+12.16
19	26	7/93 RFO	C/L Special Int	VOL		0.35	11TH TSP	-3.62
		7/93 RFO	C/L Special Int	VOL		0.48	20TH TSP	+3.14
		7/93 RFO	C/L Special Int	VOL		0.55	20TH TSP	-0.94
19	27	7/93 RFO	C/L Special Int	VOL		0.47	17TH TSP	+5.59
19	50	7/93 RFO	C/L Special Int	VOL		0.46	14TH TSP	+1.89
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	+10.26
19	60	7/93 RFO	C/L Special Int	VOL		0.69	21ST TSP	+2.64
19	93	7/93 RFO	H/L Tubesheet	SAI		1.27	TTS-HL	+0.00
19	97	7/93 RFO	C/L Special Int	VOL		0.26	18TH TSP	+13.84
19	110	7/93 RFO	C/L Special Int	VOL		1.10	13TH TSP	+10.00
20	11	7/93 RFO	C/L Special Int	VOL		0.46	17TH TSP	+9.12
		7/93 RFO	C/L Special Int	VOL		0.68	17TH TSP	+6.36
		7/93 RFO	C/L Special Int	VOL		0.88	19TH TSP	+0.95
20	15	7/93 RFO	C/L Special Int	VOL		0.49	15TH TSP	+7.05
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+17.37
		7/93 RFO	C/L Special Int	VOL		0.59	15TH TSP	+0.45
		7/93 RFO	C/L Special Int	VOL		0.72	18TH TSP	+11.57
		7/93 RFO	C/L Special Int	VOL		0.82	18TH TSP	+10.20
		7/93 RFO	C/L Special Int	VOL		1.16	15TH TSP	+5.99
20	18	7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP	+5.30
		7/93 RFO	C/L Special Int	VOL		0.71	21ST TSP	+3.11
20	28	7/93 RFO	C/L Special Int	VOL		0.61	11TH TSP	+8.89
20	30	7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	+39.41
		7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+38.12
20	31	7/93 RFO	C/L Special Int	VOL		0.28	11TH TSP	+5.74
20	39	7/93 RFO	C/L Special Int	VOL		0.64	22ND TSP	+12.41
20	62	7/93 RFO	Bobbin	NQI		1.02	3RD TSP	+36.93
20	75	7/93 RFO	Bobbin	IDI	40	23.60	TE-HL	+2.05
20	93	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	+34.97
		7/93 RFO	C/L Special Int	VOL		0.45	11TH TSP	+6.76
		7/93 RFO	C/L Special Int	VOL		0.72	11TH TSP	+19.81
20	95	7/93 RFO	Bobbin	IDI	40	20.77	TE-HL	+7.42
21	74	7/93 RFO	Bobbin	IDI	40	36.87	TE-HL	+16.04
21	90	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+27.99

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS  
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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
		7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+34.20	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	+24.48	10TH TSP
22	7	7/93 RFO	Bobbin	ADI		3.86	17TH TSP	+7.18	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.60	17TH TSP	+4.08	17TH TSP
22	14	7/93 RFO	C/L Special Int	VOL		0.78	16TH TSP	+2.01	15TH TSP
22	26	7/93 RFO	C/L Special Int	VOL		0.33	13TH TSP	+4.98	12TH TSP
22	28	7/93 RFO	C/L Special Int	VOL		0.66	10TH TSP	+19.96	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.93	10TH TSP	+16.74	9TH TSP
22	68	7/93 RFO	H/L Tubesheet	SAI		1.80	TTS-HL	+0.03	TTS-HL
23	17	7/93 RFO	C/L Special Int	VOL		0.46	11TH TSP	+17.49	10TH TSP
23	38	7/93 RFO	Bobbin	ADI		7.01	17TH TSP	+6.52	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.95	17TH TSP	+6.16	16TH TSP
23	45	7/93 RFO	C/L Special Int	VOL		0.61	14TH TSP	+3.69	14TH TSP
		7/93 RFO	C/L Special Int	VOL		0.70	17TH TSP	-1.60	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.74	14TH TSP	+5.17	14TH TSP
23	57	7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	-12.54	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.73	10TH TSP	-9.11	10TH TSP
23	71	7/93 RFO	Bobbin	ODI	18	0.80	7TH TSP	+17.32	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.38	7TH TSP	+17.46	7TH TSP
23	78	7/93 RFO	Bobbin	ADI		4.31	2ND TSP	-9.02	2ND TSP
23	92	7/93 RFO	Bobbin	IDI	40	25.53	TE-HL	+11.97	9TH TSP
24	27	7/93 RFO	C/L Special Int	VOL		0.50	15TH TSP	+8.20	15TH TSP
24	30	7/93 RFO	C/L Special Int	VOL		0.97	10TH TSP	+11.72	9TH TSP
24	37	7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	-13.56	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.59	10TH TSP	-13.14	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.78	15TH TSP	+2.51	15TH TSP
24	40	7/93 RFO	C/L Special Int	VOL		0.43	13TH TSP	+10.57	13TH TSP
24	43	7/93 RFO	C/L Special Int	VOL		0.87	19TH TSP	+5.77	19TH TSP
24	49	7/93 RFO	C/L Special Int	VOL		0.32	16TH TSP	+4.30	16TH TSP
24	52	7/93 RFO	C/L Special Int	VOL		0.58	TTS-CL	+2.74	TTS-HL
24	55	7/93 RFO	C/L Special Int	VOL		1.33	10TH TSP	-9.27	10TH TSP
24	79	7/93 RFO	Bobbin	ODI	30	5.55	12TH TSP	+25.84	9TH TSP
24	81	7/93 RFO	Bobbin	IDI	40	7.53	TE-HL	+8.87	9TH TSP
24	97	7/93 RFO	C/L Special Int	VOL		0.19	21ST TSP	+5.78	21ST TSP
25	44	7/93 RFO	C/L Special Int	VOL		0.92	11TH TSP	+11.46	11TH TSP
25	45	7/93 RFO	C/L Special Int	VOL		0.78	22ND TSP	+8.44	22ND TSP
25	47	7/93 RFO	Bobbin	ADI		3.19	7TH TSP	+34.54	9TH TSP
		7/93 RFO	Bobbin	NQI		0.75	7TH TSP	+26.95	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.02	8TH TSP	-18.38	8TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	17TH TSP	+7.75	17TH TSP
25	51	7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+7.51	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.57	17TH TSP	-2.19	17TH TSP
		7/93 RFO	C/L Special Int	VOL		2.99	13TH TSP	+3.95	13TH TSP
25	82	7/93 RFO	Bobbin	ODI	14	0.74	6TH TSP	+18.20	2ND TSP
25	101	7/93 RFO	Bobbin	ADI		3.53	10TH TSP	+34.09	9TH TSP
25	105	7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+4.96	12TH TSP
25	106	7/93 RFO	Bobbin	ODI	14	4.80	7TH TSP	+11.41	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.96	7TH TSP	+10.48	7TH TSP
26	8	7/93 RFO	Bobbin	NQI		1.32	TTS-HL	+2.43	9TH TSP
26	9	7/93 RFO	Bobbin	ADI		8.42	6TH TSP	+32.55	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.84	7TH TSP	-13.30	7TH TSP
26	34	7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-9.03	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.53	10TH TSP	-6.79	10TH TSP
26	45	7/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+10.43	12TH TSP
26	50	7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+2.49	18TH TSP
26	55	7/93 RFO	C/L Special Int	VOL		0.33	21ST TSP	+3.93	21ST TSP
26	59	7/93 RFO	C/L Special Int	VOL		1.25	22ND TSP	+10.94	22ND TSP
26	65	7/93 RFO	Bobbin	ODI	9	2.06	3RD TSP	+15.90	9TH TSP
		7/93 RFO	H/L Special Int	VOL		2.07	3RD TSP	+15.93	3RD TSP
26	85	7/93 RFO	Bobbin	NQI		3.67	7TH TSP	+18.06	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.65	7TH TSP	+18.16	7TH TSP
26	90	7/93 RFO	H/L Tubesheet	SAI		0.95	TTS-HL	+0.03	TTS-HL
26	94	7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+11.16	13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.70	11TH TSP	-10.44	11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.76	13TH TSP	+13.26	13TH TSP

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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
27	18	7/93 RFO	C/L Special Int	VOL		0.56	10TH TSP	-8.23
27	27	7/93 RFO	Bobbin	IDI	40	4.64	TE-HL	+16.21
27	29	7/93 RFO	C/L Special Int	VOL		0.44	22ND TSP	+3.30
		7/93 RFO	C/L Special Int	VOL		0.76	14TH TSP	+3.78
27	30	7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+18.14
27	32	7/93 RFO	Bobbin	ADI		3.98	11TH TSP	+23.12
		7/93 RFO	C/L Special Int	VOL		0.40	11TH TSP	+21.53
27	51	7/93 RFO	C/L Special Int	VOL		0.95	22ND TSP	+11.58
27	60	7/93 RFO	Bobbin	ADI		4.34	3RD TSP	+16.05
27	69	7/93 RFO	Bobbin	IDI	40	11.87	TE-HL	+7.94
		7/93 RFO	Bobbin	IDI	40	12.16	TE-HL	+7.01
27	74	7/93 RFO	C/L Special Int	VOL		0.66	20TH TSP	+7.08
27	77	7/93 RFO	Bobbin	IDI	40	3.50	TE-HL	+11.48
		7/93 RFO	H/L Special Int	MAI		2.78	TE-HL	+3.95
		7/93 RFO	H/L Special Int	SAI		3.38	TE-HL	+11.49
27	80	7/93 RFO	H/L Tubesheet	SAI		0.68	TTS-HL	+0.00
27	96	7/93 RFO	Bobbin	IDI	40	2.48	TE-HL	+4.25
27	101	7/93 RFO	Bobbin	IDI	40	13.87	TE-HL	+15.16
27	103	7/93 RFO	C/L Special Int	VOL		0.36	12TH TSP	+18.37
28	32	7/93 RFO	Bobbin	ODI	10	2.09	22ND TSP	+16.60
		7/93 RFO	C/L Special Int	VOL		0.75	22ND TSP	+17.04
28	49	7/93 RFO	C/L Special Int	VOL		0.78	20TH TSP	+6.66
28	52	7/93 RFO	C/L Special Int	VOL		0.36	15TH TSP	+4.19
		7/93 RFO	C/L Special Int	VOL		0.46	17TH TSP	+5.76
		7/93 RFO	C/L Special Int	VOL		0.57	15TH TSP	+6.18
28	57	7/93 RFO	C/L Special Int	VOL		0.77	11TH TSP	-8.14
29	24	7/93 RFO	C/L Special Int	VOL		0.46	10TH TSP	+11.14
29	30	7/93 RFO	Bobbin	ODI	16	3.41	TTS-CL	+3.79
		7/93 RFO	C/L Special Int	VOL		0.82	TTS-CL	+3.44
29	48	7/93 RFO	C/L Special Int	VOL		0.34	10TH TSP	+11.47
		7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+18.00
29	49	7/93 RFO	Bobbin	NQI		7.67	9TH TSP	+7.33
29	65	7/93 RFO	C/L Special Int	VOL		0.68	10TH TSP	+2.57
29	68	7/93 RFO	C/L Special Int	VOL		0.79	19TH TSP	+2.58
30	11	7/93 RFO	C/L Special Int	VOL		1.01	TTS-CL	+5.25
30	13	7/93 RFO	Bobbin	WAR	13	0.99	LAVB	+0.00
30	14	7/93 RFO	Bobbin	NQI		0.74	TTS-HL	+2.13
30	15	7/93 RFO	C/L Special Int	VOL		2.04	20TH TSP	+4.07
30	19	7/93 RFO	C/L Special Int	VOL		0.79	11TH TSP	+14.91
30	22	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+2.88
30	27	7/93 RFO	Bobbin	ADI		5.53	10TH TSP	+18.68
		7/93 RFO	C/L Special Int	VOL		0.67	10TH TSP	+18.38
30	35	7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	+7.30
30	43	7/93 RFO	C/L Special Int	VOL		1.26	22ND TSP	+9.20
30	45	7/93 RFO	C/L Special Int	VOL		0.43	15TH TSP	+5.49
30	57	7/93 RFO	Bobbin	ADI		5.26	6TH TSP	+37.19
		7/93 RFO	Bobbin	ADI		5.88	7TH TSP	+6.93
		7/93 RFO	Bobbin	ADI		2.40	10TH TSP	+8.31
		7/93 RFO	H/L Special Int	VOL		0.91	7TH TSP	-7.87
		7/93 RFO	H/L Special Int	VOL		1.12	7TH TSP	+7.30
		7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	+8.04
30	68	7/93 RFO	C/L Special Int	VOL		0.59	13TH TSP	+16.97
		7/93 RFO	C/L Special Int	VOL		0.77	13TH TSP	+16.23
30	69	7/93 RFO	C/L Special Int	VOL		0.40	10TH TSP	+2.42
30	77	7/93 RFO	Bobbin	IDI	40	10.32	TE-HL	+13.67
30	78	7/93 RFO	Bobbin	IDI	40	43.99	TE-HL	+16.36
31	26	7/93 RFO	C/L Special Int	VOL		0.87	12TH TSP	+26.34
31	37	7/93 RFO	Bobbin	ADI		9.70	TTS-HL	+6.60
		7/93 RFO	H/L Special Int	VOL		1.36	1ST TSP	-2.80
31	74	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+29.38
31	83	7/93 RFO	Bobbin	ODI	40	0.70	20TH TSP	+1.63
		7/93 RFO	C/L Special Int	SAI		0.33	20TH TSP	+1.74
31	101	7/93 RFO	Bobbin	IDI	40	8.26	TE-HL	+5.84
31	102	7/93 RFO	Bobbin	IDI	40	6.97	TE-HL	+9.15
32	14	7/93 RFO	Bobbin	NQI		0.83	12TH TSP	+36.12

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int			0.49	12TH TSP	+21.52
		7/93 RFO	C/L Special Int			0.76	12TH TSP	+36.15
32	17	7/93 RFO	C/L Special Int			0.85	22ND TSP	+2.51
32	39	7/93 RFO	C/L Special Int			0.96	10TH TSP	-9.35
32	43	7/93 RFO	Bobbin			7.04	3RD TSP	+25.19
		7/93 RFO	H/L Special Int			0.27	4TH TSP	-18.90
32	52	7/93 RFO	C/L Special Int			0.57	13TH TSP	+16.37
32	54	7/93 RFO	Bobbin			2.03	5TH TSP	+11.68
32	57	7/93 RFO	Bobbin			0.46	1ST TSP	+0.73
		7/93 RFO	H/L Special Int		25	0.10	1ST TSP	+0.58
		7/93 RFO	H/L Special Int			0.51	1ST TSP	+0.68
32	66	7/93 RFO	Bobbin		12	1.01	6TH TSP	+16.34
		7/93 RFO	Bobbin		31	7.15	18TH TSP	+6.33
		7/93 RFO	H/L Special Int			0.95	6TH TSP	+16.46
		7/93 RFO	C/L Special Int			1.28	18TH TSP	+6.24
32	70	7/93 RFO	Bobbin			5.17	4TH TSP	+6.66
		7/93 RFO	H/L Special Int			1.20	4TH TSP	+6.17
33	19	7/93 RFO	Bobbin			6.95	3AVB	-6.70
33	30	7/93 RFO	Bobbin			0.61	9TH TSP	-6.88
		7/93 RFO	Bobbin			1.25	10TH TSP	+36.76
33	67	7/93 RFO	Bobbin		12	0.73	7TH TSP	+35.67
		7/93 RFO	H/L Special Int			0.79	8TH TSP	-8.28
33	85	7/93 RFO	C/L Special Int			0.67	11TH TSP	+19.14
33	87	7/93 RFO	C/L Special Int			0.62	11TH TSP	+32.00
34	55	7/93 RFO	C/L Special Int			0.71	16TH TSP	+7.43
34	68	7/93 RFO	Bobbin			0.48	3RD TSP	+29.02
		7/93 RFO	Bobbin			0.95	3RD TSP	+30.34
		7/93 RFO	H/L Special Int			0.26	4TH TSP	-14.05
		7/93 RFO	H/L Special Int			0.41	4TH TSP	-14.57
34	69	7/93 RFO	Bobbin			1.05	8TH TSP	+13.83
		7/93 RFO	U-Bend			0.42	8TH TSP	+12.39
34	72	7/93 RFO	Bobbin			0.96	4AVB	-7.37
34	76	7/93 RFO	Bobbin			0.53	2ND TSP	+18.77
		7/93 RFO	H/L Special Int			0.24	3RD TSP	-6.05
		7/93 RFO	H/L Special Int			0.71	3RD TSP	-10.38
		7/93 RFO	H/L Special Int			0.74	3RD TSP	-11.41
34	80	7/93 RFO	Bobbin		40	14.97	TE-HL	+7.70
		7/93 RFO	Bobbin		40	47.45	TE-HL	+10.29
35	29	7/93 RFO	Bobbin			4.26	22ND TSP	+16.67
		7/93 RFO	C/L Special Int			0.39	22ND TSP	+16.68
35	35	7/93 RFO	C/L Special Int			0.46	22ND TSP	+17.81
35	38	7/93 RFO	Bobbin			0.53	14TH TSP	+4.55
		7/93 RFO	C/L Special Int			0.34	14TH TSP	+5.01
35	39	7/93 RFO	Bobbin		14	2.32	6TH TSP	+35.96
		7/93 RFO	H/L Special Int			0.82	7TH TSP	-8.66
35	62	7/93 RFO	H/L Tubesheet			0.37	TTS-HL	+1.24
35	85	7/93 RFO	Bobbin			2.30	7TH TSP	+8.62
		7/93 RFO	Bobbin		23	1.53	7TH TSP	+4.13
		7/93 RFO	H/L Special Int			0.62	7TH TSP	+8.50
		7/93 RFO	H/L Special Int			0.94	7TH TSP	+4.26
35	98	7/93 RFO	C/L Special Int			0.45	10TH TSP	-13.39
36	22	7/93 RFO	Bobbin			2.56	18TH TSP	+6.32
		7/93 RFO	C/L Special Int			0.61	18TH TSP	+6.65
36	59	7/93 RFO	U-Bend			0.24	3AVB	+0.00
		7/93 RFO	Bobbin		20	1.98	3AVB	+0.00
36	60	7/93 RFO	U-Bend			0.92	1AVB	+0.00
		7/93 RFO	Bobbin		25	2.73	1AVB	+0.00
36	70	7/93 RFO	Bobbin		8	2.06	6TH TSP	+40.13
		7/93 RFO	H/L Special Int			0.80	7TH TSP	-4.73
36	77	7/93 RFO	H/L Tubesheet			0.44	TTS-HL	+0.00
36	83	7/93 RFO	Bobbin			3.91	10TH TSP	+20.70
		7/93 RFO	Bobbin			5.14	11TH TSP	+17.27
		7/93 RFO	Bobbin		26	1.58	10TH TSP	+14.46
		7/93 RFO	C/L Special Int			0.45	10TH TSP	+14.35
		7/93 RFO	C/L Special Int			0.48	10TH TSP	+20.66

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS  
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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+5.46
		7/93 RFO	C/L Special Int	VOL		0.94	11TH TSP	+17.40
36	85	7/93 RFO	Bobbin	ODI	9	0.82	2ND TSP	+18.32
36	92	7/93 RFO	Bobbin	IDI	40	7.74	TE-HL	+9.10
36	94	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	-17.51
37	17	7/93 RFO	Bobbin	WAR	10	0.56	3AVB	+0.00
37	19	7/93 RFO	Bobbin	ODI	9	2.65	12TH TSP	+10.06
		7/93 RFO	C/L Special Int	VOL		1.13	12TH TSP	+10.06
37	38	7/93 RFO	C/L Special Int	VOL		2.25	11TH TSP	+20.94
37	50	7/93 RFO	Bobbin	NQI		1.63	2ND TSP	+15.47
		7/93 RFO	H/L Special Int	VOL		0.60	3RD TSP	-8.60
37	70	7/93 RFO	Bobbin	ODI	9	1.16	5TH TSP	+7.55
		7/93 RFO	H/L Special Int	VOL		0.84	5TH TSP	+5.11
		7/93 RFO	H/L Special Int	VOL		0.93	5TH TSP	+8.11
		7/93 RFO	H/L Special Int	VOL		0.94	5TH TSP	+6.66
37	85	7/93 RFO	Bobbin	ADI		6.74	5TH TSP	+14.94
		7/93 RFO	H/L Special Int	VOL		1.34	5TH TSP	+15.64
38	29	7/93 RFO	C/L Special Int	VOL		0.64	15TH TSP	+3.72
		7/93 RFO	C/L Special Int	VOL		0.73	17TH TSP	+9.41
		7/93 RFO	C/L Special Int	VOL		0.86	18TH TSP	+18.31
38	32	7/93 RFO	C/L Special Int	VOL		1.07	19TH TSP	+1.78
		7/93 RFO	C/L Special Int	VOL		2.30	18TH TSP	+2.34
		7/93 RFO	C/L Special Int	VOL		2.34	19TH TSP	+2.87
		7/93 RFO	C/L Special Int	VOL		2.42	20TH TSP	+5.14
		7/93 RFO	C/L Special Int	VOL		3.77	19TH TSP	+0.44
38	36	7/93 RFO	Bobbin	WAR	10	0.56	2AVB	+0.00
38	43	7/93 RFO	Bobbin	ODI	8	1.07	13TH TSP	+11.29
		7/93 RFO	Bobbin	ODI	24	2.98	13TH TSP	+1.91
		7/93 RFO	C/L Special Int	VOL		2.01	17TH TSP	+2.20
		7/93 RFO	C/L Special Int	VOL		2.23	13TH TSP	+10.96
		7/93 RFO	C/L Special Int	VOL		2.31	18TH TSP	+13.67
		7/93 RFO	C/L Special Int	VOL		4.49	22ND TSP	+6.87
		7/93 RFO	C/L Special Int	VOL		4.76	13TH TSP	+1.51
38	44	7/93 RFO	Bobbin	ADI		3.79	10TH TSP	+21.34
		7/93 RFO	C/L Special Int	VOL		2.05	10TH TSP	+21.33
		7/93 RFO	C/L Special Int	VOL		2.26	15TH TSP	+7.80
		7/93 RFO	C/L Special Int	VOL		2.52	15TH TSP	+4.39
38	57	7/93 RFO	C/L Special Int	VOL		3.20	10TH TSP	+19.70
38	59	7/93 RFO	U-Bend	VOL		0.76	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	24	2.52	1AVB	+0.00
38	60	7/93 RFO	Bobbin	ODI	19	0.46	3RD TSP	+7.83
		7/93 RFO	H/L Special Int	VOL		0.18	3RD TSP	+8.07
38	62	7/93 RFO	U-Bend	VOL		0.74	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	21	2.12	1AVB	+0.00
38	64	7/93 RFO	U-Bend	VOL		0.69	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	11	0.98	1AVB	+0.00
38	71	7/93 RFO	Bobbin	ODI	24	3.59	11TH TSP	+12.07
		7/93 RFO	C/L Special Int	VOL		1.39	11TH TSP	+12.14
38	80	7/93 RFO	Bobbin	ODI	22	4.96	12TH TSP	+36.94
		7/93 RFO	C/L Special Int	VOL		1.18	11TH TSP	-8.01
38	87	7/93 RFO	Bobbin	WAR	21	2.10	3AVB	+0.00
38	92	7/93 RFO	Bobbin	ADI		3.36	1ST TSP	+17.28
		7/93 RFO	H/L Special Int	VOL		0.67	1ST TSP	+17.05
38	94	7/93 RFO	Bobbin	IDI	40	1.00	TE-HL	+11.40
		7/93 RFO	Bobbin	ADI		5.34	7TH TSP	+32.57
		7/93 RFO	Bobbin	ODI	25	1.05	6TH TSP	+42.85
		7/93 RFO	H/L Special Int	VOL		0.59	7TH TSP	-1.18
		7/93 RFO	H/L Special Int	VOL		1.19	8TH TSP	-12.42
38	95	7/93 RFO	Bobbin	IDI	40	19.92	TE-HL	+11.09
39	59	7/93 RFO	Bobbin	ODI	16	1.09	4TH TSP	+24.75
		7/93 RFO	H/L Special Int	VOL		0.92	4TH TSP	+25.57
39	60	7/93 RFO	H/L Tubesheet	VOL		0.22	TTS-HL	-3.27
39	74	7/93 RFO	C/L Special Int	VOL		0.35	9TH TSP	-8.48
		7/93 RFO	C/L Special Int	VOL		0.37	9TH TSP	-3.78
39	79	7/93 RFO	C/L Special Int	VOL		0.32	17TH TSP	+7.95

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS  
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ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
39	87	7/93 RFO	Bobbin	ADI		8.81	13TH TSP	+6.28
		7/93 RFO	C/L Special Int	VOL		0.32	14TH TSP	+3.95
		7/93 RFO	C/L Special Int	VOL		0.93	13TH TSP	+5.88
40	21	7/93 RFO	C/L Special Int	VOL		2.83	20TH TSP	+1.68
		7/93 RFO	C/L Special Int	VOL		3.72	19TH TSP	+2.52
40	24	7/93 RFO	C/L Special Int	VOL		0.31	11TH TSP	-4.14
40	28	7/93 RFO	C/L Special Int	VOL		1.57	11TH TSP	+5.69
		7/93 RFO	C/L Special Int	VOL		3.32	11TH TSP	-10.60
		7/93 RFO	C/L Special Int	VOL		3.57	11TH TSP	-7.43
		7/93 RFO	C/L Special Int	VOL		3.76	11TH TSP	-9.00
40	29	7/93 RFO	C/L Special Int	VOL		0.39	12TH TSP	+14.60
		7/93 RFO	C/L Special Int	VOL		3.16	12TH TSP	+8.09
		7/93 RFO	C/L Special Int	VOL		4.02	12TH TSP	+11.69
40	59	7/93 RFO	U-Bend	VOL		0.94	2AVB	+0.00
		7/93 RFO	U-Bend	VOL		0.44	1AVB	+0.00
		7/93 RFO	Bobbin	ODI	7	0.55	1AVB	+0.00
		7/93 RFO	Bobbin	ODI	40	5.56	2AVB	+0.00
40	62	7/93 RFO	Bobbin	WAR	15	1.43	2AVB	+0.00
40	63	7/93 RFO	Bobbin	WAR	10	0.86	1AVB	+0.00
40	66	7/93 RFO	Bobbin	WAR	23	2.38	1AVB	+0.00
41	20	7/93 RFO	C/L Special Int	VOL		2.43	20TH TSP	+5.67
41	22	7/93 RFO	Bobbin	NQI		1.49	5TH TSP	+6.60
		7/93 RFO	H/L Special Int	VOL		0.72	5TH TSP	+6.67
41	25	7/93 RFO	Bobbin	IDI	40	7.46	TE-HL	+14.91
41	30	7/93 RFO	H/L Tubesheet	SAI		2.57	TTS-HL	-2.62
41	32	7/93 RFO	Bobbin	WAR	18	3.62	2AVB	+0.00
41	38	7/93 RFO	Bobbin	NQI		0.44	12TH TSP	+0.34
41	39	7/93 RFO	Bobbin	ADI		6.83	5TH TSP	+41.95
		7/93 RFO	H/L Special Int	VOL		0.84	6TH TSP	-2.39
41	40	7/93 RFO	U-Bend	VOL		0.75	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.20	1AVB	+0.00
41	43	7/93 RFO	Bobbin	ADI		5.32	3RD TSP	+22.73
		7/93 RFO	H/L Special Int	VOL		0.81	3RD TSP	+23.18
41	49	7/93 RFO	U-Bend	VOL		0.43	2AVB	+0.00
		7/93 RFO	U-Bend	VOL		0.53	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	15	1.11	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.29	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	2.36	2AVB	+0.00
41	55	7/93 RFO	Bobbin	WAR	20	1.55	1AVB	+0.00
41	59	7/93 RFO	Bobbin	WAR	14	1.17	1AVB	+0.00
41	62	7/93 RFO	U-Bend	VOL		1.71	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	12	0.66	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	20	1.20	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.90	1AVB	+0.00
41	71	7/93 RFO	Bobbin	NQI		1.29	1ST TSP	+12.61
		7/93 RFO	H/L Special Int	VOL		0.94	1ST TSP	+13.08
41	72	7/93 RFO	Bobbin	ADI		3.91	4TH TSP	+7.48
41	74	7/93 RFO	Bobbin	ADI		8.60	8TH TSP	+11.53
		7/93 RFO	U-Bend	VOL		0.80	8TH TSP	+10.77
42	33	7/93 RFO	C/L Special Int	VOL		6.04	15TH TSP	+16.98
42	48	7/93 RFO	Bobbin	IDI	40	5.28	TE-HL	+7.33
		7/93 RFO	Bobbin	NQI		0.29	3RD TSP	+0.00
42	53	7/93 RFO	Bobbin	WAR	11	0.66	1AVB	+0.00
42	54	7/93 RFO	Bobbin	IDI	40	41.79	TTS-HL	-0.10
		7/93 RFO	H/L Tubesheet	MAI		1.62	TTS-HL	+0.01
42	55	7/93 RFO	Bobbin	WAR	23	1.88	1AVB	+0.00
42	57	7/93 RFO	Bobbin	WAR	3	0.51	17TH TSP	-0.19
		7/93 RFO	C/L Special Int	VOL		0.31	17TH TSP	+0.00
42	82	7/93 RFO	Bobbin	IDI	40	7.75	TE-HL	+5.86
43	27	7/93 RFO	Bobbin	NQI		0.84	2ND TSP	+0.11
43	28	7/93 RFO	Bobbin	ADI		1.99	6TH TSP	+39.30
43	34	7/93 RFO	Bobbin	WAR	19	1.37	2AVB	+0.00
43	37	7/93 RFO	Bobbin	WAR	6	2.13	1AVB	+0.00
43	38	7/93 RFO	C/L Special Int	VOL		5.51	17TH TSP	+2.63
43	41	7/93 RFO	Bobbin	WAR	8	0.66	1AVB	+0.00

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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
43	49	7/93 RFO	Bobbin	ODI	35	0.86	10TH TSP	+12.61
		7/93 RFO	C/L Special Int	VOL		8.60	10TH TSP	+13.02
43	50	7/93 RFO	Bobbin	WAR	15	0.95	1AVB	+0.00
43	56	7/93 RFO	Bobbin	WAR	12	0.72	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	13	0.83	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.28	2AVB	+0.00
43	57	7/93 RFO	Bobbin	WAR	10	1.86	17TH TSP	-0.08
		7/93 RFO	C/L Special Int	VOL		0.65	17TH TSP	+0.00
43	63	7/93 RFO	Bobbin	ADI		2.75	17TH TSP	+13.99
		7/93 RFO	Bobbin	ADI		3.94	15TH TSP	+11.22
		7/93 RFO	C/L Special Int	VOL		0.53	17TH TSP	+13.44
		7/93 RFO	C/L Special Int	VOL		0.97	15TH TSP	+10.77
43	71	7/93 RFO	Bobbin	IDI	40	14.54	TE-HL	+9.56
43	77	7/93 RFO	Bobbin	IDI	40	12.86	TE-HL	+13.75
		7/93 RFO	H/L Special Int	MAI		1.53	TTS-HL	-8.93
		7/93 RFO	H/L Special Int	MAI		4.42	TTS-HL	-4.78
		7/93 RFO	H/L Special Int	MAI		5.21	TTS-HL	-7.02
		7/93 RFO	H/L Special Int	SAI		1.79	TTS-HL	-6.00
43	85	7/93 RFO	Bobbin	NQI		1.08	4TH TSP	+36.61
		7/93 RFO	H/L Special Int	VOL		0.88	5TH TSP	-8.26
43	86	7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+8.50
		7/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+6.58
43	87	7/93 RFO	Bobbin	ODI	10	2.97	5TH TSP	+30.31
		7/93 RFO	H/L Special Int	VOL		1.18	6TH TSP	-13.72
44	37	7/93 RFO	C/L Special Int	VOL		2.27	20TH TSP	+6.87
44	38	7/93 RFO	Bobbin	ADI		1.76	7TH TSP	+4.26
		7/93 RFO	H/L Special Int	VOL		0.45	7TH TSP	+0.55
		7/93 RFO	H/L Special Int	VOL		1.43	7TH TSP	+4.30
44	41	7/93 RFO	U-Bend	VOL		2.57	3AVB	-4.08
		7/93 RFO	Bobbin	ADI		6.28	3AVB	-3.79
44	43	7/93 RFO	Bobbin	WAR	10	0.54	1AVB	+0.00
44	44	7/93 RFO	Bobbin	ODI	21	1.52	10TH TSP	+16.60
		7/93 RFO	C/L Special Int	VOL		2.01	10TH TSP	+17.12
44	64	7/93 RFO	Bobbin	ODI	18	1.52	5TH TSP	+32.65
		7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	-12.25
45	32	7/93 RFO	Bobbin	NQI		30.01	TTS-HL	+4.92
45	66	7/93 RFO	Bobbin	ADI		1.81	10TH TSP	+38.75
		7/93 RFO	Bobbin	ODI	14	1.19	9TH TSP	+3.98
		7/93 RFO	Bobbin	ODI	5	1.31	10TH TSP	+39.89
		7/93 RFO	C/L Special Int	VOL		0.60	9TH TSP	-4.30
46	38	7/93 RFO	C/L Special Int	VOL		0.87	12TH TSP	+6.74
		7/93 RFO	C/L Special Int	VOL		1.04	10TH TSP	-1.64
		7/93 RFO	C/L Special Int	VOL		1.06	10TH TSP	-4.21
		7/93 RFO	C/L Special Int	VOL		1.10	10TH TSP	-6.13
46	44	7/93 RFO	U-Bend	VOL		0.91	3AVB	-19.55
		7/93 RFO	Bobbin	NQI		0.82	3AVB	-19.76
46	50	7/93 RFO	Bobbin	WAR	17	3.51	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.96	17TH TSP	+0.00
46	51	7/93 RFO	Bobbin	ADI		4.85	3RD TSP	+22.34
		7/93 RFO	Bobbin	ADI		5.16	3RD TSP	+17.72
		7/93 RFO	Bobbin	NQI		1.15	3RD TSP	+14.06
		7/93 RFO	Bobbin	WAR	9	1.78	15TH TSP	+0.00
		7/93 RFO	H/L Special Int	VOL		0.48	3RD TSP	+22.78
		7/93 RFO	H/L Special Int	VOL		0.58	3RD TSP	+17.78
		7/93 RFO	H/L Special Int	VOL		1.11	3RD TSP	+14.59
		7/93 RFO	C/L Special Int	VOL		0.58	15TH TSP	+0.00
46	56	7/93 RFO	Bobbin	NQI		0.34	3RD TSP	+0.00
46	57	7/93 RFO	Bobbin	WAR	5	0.80	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.90	17TH TSP	-0.21
46	59	7/93 RFO	Bobbin	WAR	32	7.25	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		2.43	17TH TSP	+0.00
46	60	7/93 RFO	Bobbin	ODI	11	0.53	17TH TSP	-0.11
46	62	7/93 RFO	C/L Special Int	VOL		0.26	10TH TSP	+30.81
		7/93 RFO	C/L Special Int	VOL		1.15	10TH TSP	+29.13
		7/93 RFO	C/L Special Int	VOL		1.16	10TH TSP	+28.12



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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
46	65	7/93 RFO	Bobbin	ADI		4.46	4TH TSP	+39.19
		7/93 RFO	H/L Special Int	VOL		1.04	5TH TSP	-6.36
46	73	7/93 RFO	Bobbin	WAR	4	0.75	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	4	0.75	17TH TSP	+0.39
46	76	7/93 RFO	Bobbin	ODI	20	2.18	6TH TSP	+42.93
		7/93 RFO	H/L Special Int	VOL		0.68	7TH TSP	-5.25
		7/93 RFO	H/L Special Int	VOL		0.98	7TH TSP	-4.03
		7/93 RFO	H/L Special Int	VOL		1.08	7TH TSP	+0.32
		7/93 RFO	H/L Special Int	VOL		1.61	7TH TSP	-1.10
46	77	7/93 RFO	Bobbin	ODI	18	1.66	4TH TSP	+27.79
		7/93 RFO	H/L Special Int	VOL		0.97	4TH TSP	+27.08
46	82	7/93 RFO	Bobbin	ADI		2.37	13TH TSP	+11.64
47	49	7/93 RFO	Bobbin	WAR	12	1.97	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.64	17TH TSP	+0.00
47	51	7/93 RFO	Bobbin	WAR	10	1.75	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+0.00
47	53	7/93 RFO	Bobbin	WAR	10	1.67	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.43	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.48	11TH TSP	+7.38
47	54	7/93 RFO	Bobbin	WAR	24	4.64	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.20	17TH TSP	+0.00
47	55	7/93 RFO	Bobbin	WAR	4	0.70	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.29	17TH TSP	+0.00
47	62	7/93 RFO	Bobbin	WAR	10	1.88	17TH TSP	-0.27
		7/93 RFO	C/L Special Int	VOL		1.50	17TH TSP	+0.00
47	63	7/93 RFO	Bobbin	WAR	9	1.47	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.24	17TH TSP	+0.00
47	64	7/93 RFO	Bobbin	WAR	8	1.56	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	+0.00
47	74	7/93 RFO	Bobbin	ADI		4.55	10TH TSP	+20.55
		7/93 RFO	C/L Special Int	VOL		0.56	10TH TSP	+19.88
48	49	7/93 RFO	Bobbin	WAR	11	1.79	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.56	17TH TSP	+0.00
48	53	7/93 RFO	Bobbin	WAR	16	2.87	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.89	17TH TSP	+0.00
48	54	7/93 RFO	Bobbin	NQI		1.48	2ND TSP	+17.30
		7/93 RFO	Bobbin	WAR	12	1.94	17TH TSP	+0.00
		7/93 RFO	H/L Special Int	VOL		1.50	2ND TSP	+17.84
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+0.00
48	55	7/93 RFO	Bobbin	WAR	8	1.37	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.50	17TH TSP	+0.00
48	56	7/93 RFO	Bobbin	WAR	11	1.91	17TH TSP	+0.00
48	58	7/93 RFO	Bobbin	WAR	10	1.70	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.25	17TH TSP	+0.00
48	60	7/93 RFO	Bobbin	NQI		0.62	17TH TSP	-0.14
		7/93 RFO	C/L Special Int	VOL		0.67	17TH TSP	+0.00
48	61	7/93 RFO	Bobbin	WAR	13	2.15	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	16	2.86	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.51	17TH TSP	+0.00
48	62	7/93 RFO	Bobbin	ODI	13	0.42	17TH TSP	-0.08
48	64	7/93 RFO	Bobbin	NQI		0.78	6TH TSP	+40.18
		7/93 RFO	Bobbin	NQI		0.79	7TH TSP	+7.14
		7/93 RFO	H/L Special Int	VOL		0.56	7TH TSP	-3.88
		7/93 RFO	H/L Special Int	VOL		1.10	7TH TSP	+7.62
48	65	7/93 RFO	Bobbin	WAR	13	2.38	17TH TSP	+0.30
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+0.00
48	68	7/93 RFO	Bobbin	ODI	21	0.82	7TH TSP	+34.67
		7/93 RFO	H/L Special Int	VOL		0.63	8TH TSP	-9.86
48	71	7/93 RFO	Bobbin	NQI		1.11	10TH TSP	+22.35
		7/93 RFO	C/L Special Int	VOL		0.59	10TH TSP	+21.36
48	82	7/93 RFO	Bobbin	ADI		3.89	10TH TSP	+8.79
		7/93 RFO	C/L Special Int	VOL		0.70	10TH TSP	+8.79
49	42	7/93 RFO	H/L Special Int	VOL		1.64	1ST TSP	+11.87
49	49	7/93 RFO	Bobbin	WAR	12	1.97	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.75	17TH TSP	+0.00

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
49	51	7/93 RFO	Bobbin	WAR	22	4.26	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.75	17TH TSP	+0.00 17TH TSP
49	52	7/93 RFO	U-Bend	VOL		3.01	4AVB	+0.00 4AVB
		7/93 RFO	Bobbin	WAR	12	2.02	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.08	17TH TSP	+0.00 17TH TSP
49	55	7/93 RFO	Bobbin	WAR	13	2.29	17TH TSP	+0.00 9TH TSP
49	56	7/93 RFO	Bobbin	WAR	5	0.88	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.69	17TH TSP	+0.00 17TH TSP
49	57	7/93 RFO	Bobbin	WAR	12	2.03	13TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	12	2.09	15TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.58	15TH TSP	+0.00 15TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	13TH TSP	+0.00 13TH TSP
49	60	7/93 RFO	Bobbin	WAR	8	1.32	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.52	17TH TSP	+0.00 17TH TSP
49	70	7/93 RFO	Bobbin	WAR	8	1.52	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.58	18TH TSP	+0.00 18TH TSP
49	79	7/93 RFO	Bobbin	ADI		4.21	11TH TSP	+21.36 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	11TH TSP	+20.78 11TH TSP

Total Indications Found = 798

Total Tubes Found = 436

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
2	7	7/93 RFO	Bobbin	ODI	6	5.86	2ND TSP	+2.03	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.27	2ND TSP	+1.97	2ND TSP
2	19	7/93 RFO	Bobbin	ADI		3.18	4TH TSP	+27.14	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.83	5TH TSP	-18.49	5TH TSP
2	39	7/93 RFO	Bobbin	IDI	40	18.17	TE-HL	+4.03	9TH TSP
2	48	7/93 RFO	Bobbin	IDI	40	15.62	TE-HL	+14.13	8TH TSP
2	50	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+23.65	10TH TSP
2	51	7/93 RFO	Bobbin	IDI	40	3.04	TE-HL	+15.53	8TH TSP
		7/93 RFO	Bobbin	IDI	40	9.42	TE-HL	+9.29	8TH TSP
2	53	7/93 RFO	Bobbin	ADI		4.30	14TH TSP	+2.49	9TH TSP
		7/93 RFO	Bobbin	ADI		6.77	14TH TSP	+2.57	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.74	14TH TSP	+2.27	14TH TSP
2	54	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+4.47	13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.36	19TH TSP	+15.78	19TH TSP
2	56	7/93 RFO	Bobbin	ADI		4.50	2ND TSP	+18.38	9TH TSP
		7/93 RFO	Bobbin	ADI		4.91	2ND TSP	+18.08	8TH TSP
		7/93 RFO	H/L Special Int	VOL		0.61	2ND TSP	+18.08	2ND TSP
		7/93 RFO	C/L Special Int	VOL		0.45	19TH TSP	+2.28	19TH TSP
		7/93 RFO	C/L Special Int	VOL		1.13	14TH TSP	-1.49	14TH TSP
2	60	7/93 RFO	C/L Special Int	VOL		0.25	12TH TSP	+20.38	12TH TSP
2	62	7/93 RFO	C/L Special Int	VOL		0.23	19TH TSP	+24.06	19TH TSP
2	64	7/93 RFO	Bobbin	ADI		0.81	2ND TSP	+5.19	8TH TSP
		7/93 RFO	Bobbin	ADI		4.23	2ND TSP	+5.24	9TH TSP
		7/93 RFO	Bobbin	ADI		3.10	22ND TSP	+10.15	9TH TSP
		7/93 RFO	Bobbin	ADI		4.02	11TH TSP	+13.73	9TH TSP
		7/93 RFO	Bobbin	ADI		5.04	12TH TSP	+12.42	9TH TSP
		7/93 RFO	H/L Tubesheet	VOL		1.13	TTS-HL	+2.77	TTS-HL
		7/93 RFO	H/L Special Int	VOL		0.56	2ND TSP	+5.07	2ND TSP
		7/93 RFO	C/L Special Int	VOL		0.33	22ND TSP	+10.15	22ND TSP
		7/93 RFO	C/L Special Int	VOL		0.37	16TH TSP	+8.15	16TH TSP
		7/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	-3.07	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.80	12TH TSP	+12.60	12TH TSP
2	67	7/93 RFO	C/L Special Int	VOL		0.22	12TH TSP	-4.54	12TH TSP
2	73	7/93 RFO	Bobbin	ADI		3.80	7TH TSP	+35.26	9TH TSP
		7/93 RFO	Bobbin	ADI		3.94	7TH TSP	+35.11	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.20	14TH TSP	+6.49	14TH TSP
2	76	7/93 RFO	H/L Tubesheet	SAI		1.75	TTS-HL	-4.41	TTS-HL
2	92	7/93 RFO	Bobbin	ADI		4.79	17TH TSP	+4.16	9TH TSP
2	107	7/93 RFO	Bobbin	IDI	40	29.78	TE-HL	+3.16	9TH TSP
2	113	7/93 RFO	C/L Special Int	VOL		0.83	11TH TSP	+22.42	11TH TSP
3	9	7/93 RFO	Bobbin	ADI		7.62	21ST TSP	+14.33	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.36	21ST TSP	+7.85	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.56	21ST TSP	+13.03	21ST TSP
3	14	7/93 RFO	Bobbin	IDI	40	2.50	TE-HL	+11.59	9TH TSP
3	33	7/93 RFO	Bobbin	NQI		4.17	13TH TSP	+14.46	9TH TSP
		7/93 RFO	Bobbin	NQI		4.22	13TH TSP	+14.19	9TH TSP
		7/93 RFO	Bobbin	NQI		4.50	13TH TSP	+15.99	9TH TSP
		7/93 RFO	Bobbin	NQI		4.57	13TH TSP	+15.81	9TH TSP
		7/93 RFO	Bobbin	NQI		4.89	12TH TSP	+1.31	9TH TSP
		7/93 RFO	Bobbin	NQI		5.18	13TH TSP	+11.62	9TH TSP
		7/93 RFO	Bobbin	NQI		5.23	12TH TSP	+1.36	9TH TSP
		7/93 RFO	Bobbin	NQI		5.38	13TH TSP	+11.75	9TH TSP
		7/93 RFO	Bobbin	NQI		5.39	11TH TSP	+23.35	9TH TSP
		7/93 RFO	Bobbin	NQI		5.44	11TH TSP	+23.14	9TH TSP
		7/93 RFO	Bobbin	NQI		9.46	13TH TSP	+19.50	9TH TSP
		7/93 RFO	Bobbin	NQI		9.72	13TH TSP	+19.67	9TH TSP
		7/93 RFO	Bobbin	NQI		14.46	13TH TSP	+9.99	9TH TSP
		7/93 RFO	Bobbin	NQI		14.46	13TH TSP	+9.99	9TH TSP
		7/93 RFO	Bobbin	NQI		14.85	13TH TSP	+10.06	9TH TSP
3	34	7/93 RFO	Bobbin	IDI	40	2.61	TE-HL	+15.20	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		0.35	TTS-HL	-0.13	TTS-HL
3	36	7/93 RFO	C/L Special Int	VOL		1.14	16TH TSP	+5.65	16TH TSP
3	42	7/93 RFO	Bobbin	IDI	40	21.80	TE-HL	+14.33	9TH TSP
3	43	7/93 RFO	Bobbin	IDI	40	2.09	TE-HL	+17.05	9TH TSP
		7/93 RFO	Bobbin	IDI	40	14.38	TE-HL	+15.14	9TH TSP

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	IDI	40	24.80	TE-HL	+13.59
		7/93 RFO	Bobbin	IDI	40	25.76	TE-HL	+14.16
		7/93 RFO	H/L Special Int	MAI		2.66	TE-HL	+14.06
		7/93 RFO	H/L Special Int	MAI		5.73	TE-HL	+15.02
3	44	7/93 RFO	C/L Special Int	VOL		0.51	22ND TSP	+11.19
3	49	7/93 RFO	Bobbin	IDI	40	3.01	TE-HL	+4.60
		7/93 RFO	Bobbin	ADI		2.28	18TH TSP	+10.10
		7/93 RFO	Bobbin	ADI		2.76	18TH TSP	+10.09
		7/93 RFO	C/L Special Int	VOL		0.35	18TH TSP	+4.79
		7/93 RFO	C/L Special Int	VOL		0.36	18TH TSP	+9.84
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+21.96
		7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+18.92
		7/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	+24.44
		7/93 RFO	C/L Special Int	VOL		0.52	12TH TSP	+17.01
3	55	7/93 RFO	Bobbin	NQI		3.27	22ND TSP	+15.03
		7/93 RFO	Bobbin	NQI		4.29	22ND TSP	+14.89
		7/93 RFO	C/L Special Int	VOL		0.44	22ND TSP	+17.72
		7/93 RFO	C/L Special Int	VOL		0.92	22ND TSP	+15.28
3	75	7/93 RFO	Bobbin	ADI		5.48	4TH TSP	+20.27
		7/93 RFO	H/L Special Int	VOL		0.31	4TH TSP	+18.90
		7/93 RFO	H/L Special Int	VOL		0.56	4TH TSP	+20.53
3	93	7/93 RFO	Bobbin	ADI		5.62	7TH TSP	+21.92
		7/93 RFO	H/L Special Int	VOL		0.94	7TH TSP	+21.32
		7/93 RFO	H/L Special Int	VOL		0.94	7TH TSP	+23.26
3	95	7/93 RFO	Bobbin	IDI	40	18.22	TE-HL	+6.13
3	105	7/93 RFO	Bobbin	ADI		5.82	19TH TSP	+37.22
		7/93 RFO	C/L Special Int	VOL		0.40	16TH TSP	-4.81
		7/93 RFO	C/L Special Int	VOL		0.67	16TH TSP	-3.95
3	106	7/93 RFO	Bobbin	NQI		0.92	4TH TSP	+0.00
4	13	7/93 RFO	C/L Special Int	VOL		0.64	21ST TSP	+10.33
4	41	7/93 RFO	Bobbin	IDI	40	3.16	TE-HL	+9.94
		7/93 RFO	C/L Special Int	VOL		0.44	21ST TSP	+5.32
4	42	7/93 RFO	Bobbin	IDI	40	8.26	TE-HL	+14.05
4	53	7/93 RFO	Bobbin	IDI	40	37.56	TE-HL	+5.27
4	75	7/93 RFO	C/L Special Int	VOL		0.38	16TH TSP	+3.09
4	87	7/93 RFO	Bobbin	ADI		8.13	1ST TSP	+11.08
		7/93 RFO	H/L Special Int	VOL		1.83	1ST TSP	+11.40
4	88	7/93 RFO	Bobbin	IDI	40	26.86	TE-HL	+11.81
4	111	7/93 RFO	C/L Special Int	VOL		0.29	19TH TSP	+21.62
5	6	7/93 RFO	Bobbin	IDI	40	14.39	TE-HL	+10.72
5	8	7/93 RFO	Bobbin	ODI	1	1.12	20TH TSP	+6.44
		7/93 RFO	C/L Special Int	VOL		0.61	20TH TSP	+6.04
5	11	7/93 RFO	Bobbin	IDI	40	16.63	TE-HL	+11.21
5	23	7/93 RFO	Bobbin	ODI	5	0.83	1ST TSP	+16.49
5	24	7/93 RFO	Bobbin	ADI		4.15	3RD TSP	+16.44
		7/93 RFO	Bobbin	ADI		4.15	3RD TSP	+16.44
		7/93 RFO	Bobbin	ADI		7.61	7TH TSP	+5.60
		7/93 RFO	H/L Special Int	VOL		0.47	3RD TSP	+19.67
		7/93 RFO	H/L Special Int	VOL		0.58	3RD TSP	+17.23
		7/93 RFO	H/L Special Int	VOL		1.69	7TH TSP	+5.89
5	26	7/93 RFO	Bobbin	IDI	40	6.63	TE-HL	+10.85
5	27	7/93 RFO	Bobbin	ODI	9	1.39	22ND TSP	+11.44
5	28	7/93 RFO	Bobbin	ODI	31	1.01	11TH TSP	+9.38
		7/93 RFO	C/L Special Int	VOL		1.03	11TH TSP	+8.64
5	31	7/93 RFO	Bobbin	IDI	40	34.15	TE-HL	+1.21
5	32	7/93 RFO	C/L Special Int	VOL		1.02	22ND TSP	+4.81
5	36	7/93 RFO	Bobbin	NQI		1.38	18TH TSP	+17.70
5	37	7/93 RFO	H/L Tubesheet	SAI		0.25	TTS-HL	+0.03
5	49	7/93 RFO	Bobbin	IDI	40	8.73	TE-HL	+10.18
5	57	7/93 RFO	C/L Special Int	VOL		0.55	11TH TSP	+13.89
5	78	7/93 RFO	Bobbin	ADI		5.72	TTS-HL	+5.72
		7/93 RFO	H/L Special Int	VOL		0.67	TTS-HL	+6.07
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+7.38
5	79	7/93 RFO	Bobbin	ADI		4.84	1ST TSP	+14.26
5	80	7/93 RFO	Bobbin	IDI	40	25.12	TE-HL	+16.78

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	MAI		2.88	TE-HL	+12.67
5	95	7/93 RFO	Bobbin	NQI		0.52	11TH TSP	+8.40
6	17	7/93 RFO	H/L Tubesheet	VOL		0.53	TTS-HL	+2.35
6	21	7/93 RFO	C/L Special Int	VOL		0.48	14TH TSP	+8.43
6	24	7/93 RFO	C/L Special Int	VOL		0.94	13TH TSP	+16.84
6	26	7/93 RFO	C/L Special Int	VOL		0.60	21ST TSP	+2.96
6	27	7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+12.28
6	35	7/93 RFO	C/L Special Int	VOL		0.45	11TH TSP	-11.45
6	37	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+10.78
		7/93 RFO	C/L Special Int	VOL		0.93	11TH TSP	+7.50
		7/93 RFO	C/L Special Int	VOL		0.98	11TH TSP	+5.03
		7/93 RFO	C/L Special Int	VOL		1.59	11TH TSP	+1.84
6	40	7/93 RFO	C/L Special Int	VOL		0.43	20TH TSP	+5.06
6	41	7/93 RFO	H/L Tubesheet	SAI		0.81	TTS-HL	-2.11
6	43	7/93 RFO	C/L Special Int	VOL		0.37	17TH TSP	+8.25
6	51	7/93 RFO	C/L Special Int	VOL		0.62	TTS-CL	+2.39
6	54	7/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	+1.89
6	61	7/93 RFO	Bobbin	ADI		2.84	4TH TSP	+20.72
		7/93 RFO	H/L Special Int	VOL		0.34	4TH TSP	+20.14
6	62	7/93 RFO	C/L Special Int	VOL		2.15	9TH TSP	-5.59
6	65	7/93 RFO	Bobbin	ADI		4.54	18TH TSP	+9.42
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+9.42
6	69	7/93 RFO	Bobbin	IDI	40	15.14	TE-HL	+6.63
6	71	7/93 RFO	Bobbin	ADI		6.53	3RD TSP	+6.88
6	74	7/93 RFO	Bobbin	ADI		2.72	3RD TSP	+11.87
		7/93 RFO	Bobbin	ADI		4.85	4TH TSP	+26.48
		7/93 RFO	C/L Special Int	VOL		0.59	9TH TSP	-6.51
		7/93 RFO	H/L Special Int	VOL		0.29	3RD TSP	+11.64
		7/93 RFO	H/L Special Int	VOL		0.42	4TH TSP	+26.48
6	82	7/93 RFO	C/L Special Int	VOL		0.33	13TH TSP	+9.43
6	84	7/93 RFO	Bobbin	ADI		3.32	5TH TSP	+8.81
		7/93 RFO	Bobbin	ADI		3.38	5TH TSP	+16.88
6	89	7/93 RFO	Bobbin	ADI		3.54	16TH TSP	+3.16
		7/93 RFO	C/L Special Int	VOL		1.04	16TH TSP	+3.64
6	103	7/93 RFO	C/L Special Int	VOL		0.51	10TH TSP	+15.11
7	6	7/93 RFO	C/L Special Int	VOL		0.90	9TH TSP	-7.48
7	14	7/93 RFO	C/L Special Int	VOL		0.29	15TH TSP	+6.40
		7/93 RFO	C/L Special Int	VOL		0.43	15TH TSP	+4.93
7	33	7/93 RFO	Bobbin	IDI	40	8.03	TE-HL	+15.98
7	43	7/93 RFO	Bobbin	IDI	40	20.62	TE-HL	+7.30
7	44	7/93 RFO	Bobbin	NQI		0.22	4TH TSP	+0.02
7	61	7/93 RFO	C/L Special Int	VOL		0.85	9TH TSP	-7.25
7	77	7/93 RFO	Bobbin	ADI		3.72	6TH TSP	+10.12
		7/93 RFO	Bobbin	ADI		4.88	6TH TSP	+17.01
		7/93 RFO	H/L Special Int	VOL		0.32	6TH TSP	+9.46
		7/93 RFO	H/L Special Int	VOL		0.34	6TH TSP	+13.54
		7/93 RFO	H/L Special Int	VOL		0.54	6TH TSP	+14.99
		7/93 RFO	H/L Special Int	VOL		0.59	6TH TSP	+16.55
7	112	7/93 RFO	Bobbin	ADI		4.25	1ST TSP	+8.30
8	19	7/93 RFO	Bobbin	IDI	40	3.20	TE-HL	+13.17
		7/93 RFO	Bobbin	IDI	40	5.41	TE-HL	+10.19
		7/93 RFO	Bobbin	IDI	40	6.47	TE-HL	+15.09
		7/93 RFO	Bobbin	IDI	40	7.69	TE-HL	+18.02
		7/93 RFO	Bobbin	IDI	40	11.66	TE-HL	+17.02
		7/93 RFO	H/L Tubesheet	MAI		5.35	TTS-HL	-3.83
		7/93 RFO	H/L Tubesheet	MAI		9.53	TTS-HL	-3.01
		7/93 RFO	H/L Special Int	MAI		4.31	TTS-HL	-2.60
		7/93 RFO	H/L Special Int	MAI		6.05	TTS-HL	-6.80
		7/93 RFO	H/L Special Int	MAI		6.72	TTS-HL	-3.46
		7/93 RFO	H/L Special Int	SAI		1.93	TTS-HL	-10.87
		7/93 RFO	H/L Special Int	SAI		2.24	TTS-HL	-9.56
		7/93 RFO	H/L Special Int	SAI		5.36	TTS-HL	-5.15
8	38	7/93 RFO	Bobbin	ADI		10.56	6TH TSP	+39.19
8	40	7/93 RFO	C/L Special Int	VOL		0.69	10TH TSP	+25.04
8	43	7/93 RFO	C/L Special Int	VOL		0.34	21ST TSP	+6.98

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
8	53	7/93 RFO	Bobbin	ADI		7.06	6TH TSP	+13.25
		7/93 RFO	H/L Special Int	VOL		1.56	6TH TSP	+12.76
8	55	7/93 RFO	C/L Special Int	VOL		0.25	15TH TSP	+6.56
		7/93 RFO	C/L Special Int	VOL		0.57	15TH TSP	+4.83
8	63	7/93 RFO	Bobbin	ADI		4.94	6TH TSP	+23.08
8	64	7/93 RFO	Bobbin	ADI		4.86	5TH TSP	+16.42
8	79	7/93 RFO	Bobbin	ADI		2.35	7TH TSP	+28.19
9	8	7/93 RFO	Bobbin	ODI	23	1.20	6TH TSP	+16.78
		7/93 RFO	H/L Special Int	VOL		1.06	6TH TSP	+17.81
9	14	7/93 RFO	C/L Special Int	VOL		0.33	14TH TSP	+6.09
		7/93 RFO	C/L Special Int	VOL		0.47	13TH TSP	+6.39
9	17	7/93 RFO	Bobbin	IDI	40	23.65	TE-HL	+17.13
		7/93 RFO	Bobbin	IDI	40	43.40	TE-HL	+12.27
		7/93 RFO	H/L Tubesheet	SAI		2.85	TTS-HL	-3.80
9	43	7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+21.88
		7/93 RFO	C/L Special Int	VOL		0.80	11TH TSP	+23.31
9	62	7/93 RFO	C/L Special Int	VOL		0.68	21ST TSP	-5.46
9	69	7/93 RFO	Bobbin	ADI		6.15	19TH TSP	+1.74
		7/93 RFO	C/L Special Int	VOL		0.72	19TH TSP	+1.60
9	79	7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+15.16
9	91	7/93 RFO	Bobbin	ADI		5.43	3RD TSP	+20.57
		7/93 RFO	H/L Special Int	VOL		1.20	3RD TSP	+20.57
10	13	7/93 RFO	C/L Special Int	VOL		0.55	22ND TSP	+11.67
10	49	7/93 RFO	C/L Special Int	VOL		0.93	21ST TSP	+3.34
10	55	7/93 RFO	C/L Special Int	VOL		0.93	11TH TSP	+19.14
10	59	7/93 RFO	Bobbin	IDI	40	16.55	TE-HL	+15.69
		7/93 RFO	H/L Tubesheet	MAI		1.38	TTS-HL	-0.57
		7/93 RFO	H/L Tubesheet	MAI		8.77	TTS-HL	-4.89
		7/93 RFO	H/L Special Int	MAI		8.06	TE-HL	+15.06
10	64	7/93 RFO	Bobbin	ADI		3.59	3RD TSP	+18.20
		7/93 RFO	H/L Special Int	VOL		0.48	3RD TSP	+18.15
10	72	7/93 RFO	H/L Tubesheet	VOL		2.65	TTS-HL	+0.38
10	77	7/93 RFO	C/L Special Int	VOL		0.58	11TH TSP	+18.44
		7/93 RFO	C/L Special Int	VOL		0.58	11TH TSP	+29.56
10	100	7/93 RFO	Bobbin	ADI		4.19	10TH TSP	+36.68
		7/93 RFO	C/L Special Int	VOL		0.75	9TH TSP	-8.42
11	19	7/93 RFO	C/L Special Int	VOL		0.33	13TH TSP	+2.00
11	21	7/93 RFO	C/L Special Int	VOL		0.61	22ND TSP	+10.51
		7/93 RFO	C/L Special Int	VOL		0.66	22ND TSP	+14.63
		7/93 RFO	C/L Special Int	VOL		0.88	22ND TSP	+13.34
11	22	7/93 RFO	C/L Special Int	VOL		0.30	11TH TSP	+28.86
		7/93 RFO	C/L Special Int	VOL		0.61	12TH TSP	+23.83
11	24	7/93 RFO	C/L Special Int	VOL		0.39	16TH TSP	+8.22
11	28	7/93 RFO	C/L Special Int	VOL		0.82	20TH TSP	+5.55
11	29	7/93 RFO	C/L Special Int	VOL		0.34	17TH TSP	+5.30
11	31	7/93 RFO	H/L Tubesheet	MAI		1.01	TTS-HL	-3.28
11	35	7/93 RFO	H/L Tubesheet	SAI		0.39	TTS-HL	+0.00
11	45	7/93 RFO	H/L Tubesheet	SAI		4.21	TTS-HL	-4.22
11	48	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	-6.36
11	67	7/93 RFO	Bobbin	IDI	40	8.49	TE-HL	+12.16
11	76	7/93 RFO	C/L Special Int	VOL		0.43	16TH TSP	+2.36
		7/93 RFO	C/L Special Int	VOL		0.48	16TH TSP	+4.57
		7/93 RFO	C/L Special Int	VOL		0.54	16TH TSP	+6.33
		7/93 RFO	C/L Special Int	VOL		0.86	17TH TSP	+3.50
		7/93 RFO	C/L Special Int	VOL		0.86	18TH TSP	+2.64
11	77	7/93 RFO	Bobbin	ODI	4	0.68	5TH TSP	+11.44
11	78	7/93 RFO	Bobbin	ADI		3.02	2ND TSP	+7.54
11	80	7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	-1.95
11	89	7/93 RFO	Bobbin	ODI	22	1.13	TTS-HL	+4.13
		7/93 RFO	H/L Tubesheet	SAI		3.04	TTS-HL	-3.11
		7/93 RFO	H/L Special Int	VOL		0.75	TTS-HL	+3.78
11	91	7/93 RFO	Bobbin	IDI	40	2.66	TE-HL	+17.02
		7/93 RFO	H/L Special Int	SAI		5.76	TE-HL	+18.74
12	4	7/93 RFO	C/L Special Int	VOL		0.97	22ND TSP	+9.16
12	15	7/93 RFO	C/L Special Int	VOL		0.23	16TH TSP	+7.91

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
12	27	7/93 RFO	Bobbin	IDI	40	6.01	TE-HL	+12.32	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.44	9TH TSP	-3.08	9TH TSP
12	36	7/93 RFO	Bobbin	ADI		4.88	7TH TSP	+1.59	2ND TSP
12	45	7/93 RFO	H/L Tubesheet	SAI		2.77	TTS-HL	-3.98	TTS-HL
12	56	7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+2.34	18TH TSP
12	67	7/93 RFO	C/L Special Int	VOL		0.22	15TH TSP	+8.86	15TH TSP
12	68	7/93 RFO	H/L Tubesheet	MAI		3.90	TTS-HL	-4.04	TTS-HL
12	75	7/93 RFO	Bobbin	ADI		3.62	3RD TSP	+22.18	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.82	3RD TSP	+23.66	3RD TSP
12	88	7/93 RFO	Bobbin	NQI		0.46	6TH TSP	+37.31	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.62	7TH TSP	-7.42	7TH TSP
12	105	7/93 RFO	Bobbin	NQI		0.47	1ST TSP	+17.79	9TH TSP
		7/93 RFO	H/L Special Int	VOL		3.87	2ND TSP	-2.01	2ND TSP
12	113	7/93 RFO	H/L Tubesheet	VOL		0.87	TTS-HL	-3.29	TTS-HL
13	11	7/93 RFO	Bobbin	IDI	40	26.16	TE-HL	+15.17	9TH TSP
13	15	7/93 RFO	C/L Special Int	VOL		0.59	22ND TSP	+4.69	22ND TSP
13	31	7/93 RFO	C/L Special Int	VOL		0.59	11TH TSP	+17.80	11TH TSP
13	66	7/93 RFO	Bobbin	IDI	40	7.67	TE-HL	+14.32	9TH TSP
		7/93 RFO	Bobbin	IDI	40	13.04	TE-HL	+10.10	9TH TSP
		7/93 RFO	Bobbin	IDI	40	17.57	TE-HL	+15.98	9TH TSP
13	68	7/93 RFO	Bobbin	IDI	40	16.10	TE-HL	+11.36	9TH TSP
13	72	7/93 RFO	H/L Tubesheet	MAI		0.31	TTS-HL	-1.85	TTS-HL
13	74	7/93 RFO	Bobbin	IDI	40	17.78	TE-HL	+18.76	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		2.55	TTS-HL	-2.90	TTS-HL
		7/93 RFO	H/L Special Int	MAI		2.61	TE-HL	+18.34	TTS-HL
13	75	7/93 RFO	H/L Tubesheet	MAI		1.18	TTS-HL	-3.80	TTS-HL
13	76	7/93 RFO	Bobbin	IDI	40	5.88	TE-HL	+19.51	9TH TSP
		7/93 RFO	Bobbin	IDI	40	8.43	TE-HL	+17.62	9TH TSP
		7/93 RFO	Bobbin	IDI	40	16.32	TE-HL	+14.49	9TH TSP
		7/93 RFO	H/L Special Int	MAI		2.31	TE-HL	+14.90	TTS-HL
13	77	7/93 RFO	Bobbin	IDI	40	2.28	TE-HL	+6.11	9TH TSP
13	80	7/93 RFO	Bobbin	IDI	40	22.02	TE-HL	+0.76	9TH TSP
13	87	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+29.17	12TH TSP
13	97	7/93 RFO	C/L Special Int	VOL		0.78	11TH TSP	+34.03	10TH TSP
14	17	7/93 RFO	C/L Special Int	VOL		0.34	TTS-CL	+5.69	22ND TSP
14	23	7/93 RFO	Bobbin	IDI	40	28.02	TE-HL	+13.37	9TH TSP
14	49	7/93 RFO	Bobbin	ODI	11	0.38	21ST TSP	+5.52	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	21ST TSP	+5.72	21ST TSP
14	58	7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+10.45	13TH TSP
14	61	7/93 RFO	Bobbin	ODI	23	1.45	10TH TSP	+3.85	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.57	10TH TSP	+3.86	10TH TSP
14	62	7/93 RFO	Bobbin	IDI	40	22.62	TE-HL	+17.00	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		3.81	TTS-HL	-3.92	TTS-HL
		7/93 RFO	H/L Special Int	MAI		2.53	TE-HL	+11.56	TTS-HL
		7/93 RFO	H/L Special Int	MAI		4.17	TE-HL	+17.23	TTS-HL
14	67	7/93 RFO	Bobbin	IDI	40	12.66	TE-HL	+6.83	9TH TSP
14	71	7/93 RFO	Bobbin	IDI	40	16.89	TE-HL	+16.21	9TH TSP
		7/93 RFO	Bobbin	IDI	40	18.37	TE-HL	+15.16	9TH TSP
14	72	7/93 RFO	Bobbin	IDI	40	13.85	TE-HL	+18.13	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		1.00	TTS-HL	-2.81	TTS-HL
14	75	7/93 RFO	C/L Special Int	VOL		0.23	18TH TSP	+3.20	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.41	18TH TSP	+4.45	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+6.52	18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+1.63	18TH TSP
14	78	7/93 RFO	H/L Tubesheet	MAI		3.76	TTS-HL	-3.65	TTS-HL
15	20	7/93 RFO	Bobbin	IDI	40	30.39	TE-HL	+5.16	9TH TSP
		7/93 RFO	H/L Special Int	MAI		1.02	TE-HL	+5.63	TTS-HL
15	30	7/93 RFO	Bobbin	IDI	40	8.16	TE-HL	+10.80	9TH TSP
15	44	7/93 RFO	C/L Special Int	VOL		0.91	21ST TSP	+2.25	21ST TSP
15	47	7/93 RFO	C/L Special Int	VOL		0.47	18TH TSP	+13.12	18TH TSP
15	57	7/93 RFO	Bobbin	ADI		5.80	5TH TSP	+28.43	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.60	5TH TSP	+28.30	5TH TSP
15	58	7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+19.13	10TH TSP
15	59	7/93 RFO	C/L Special Int	VOL		0.69	15TH TSP	+2.71	15TH TSP
15	67	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	-0.96	TTS-HL

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

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ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+13.98
15	71	7/93 RFO	H/L Tubesheet	SAI		1.03	TTS-HL	-2.80
15	75	7/93 RFO	H/L Tubesheet	VOL		0.73	TTS-HL	+1.30
		7/93 RFO	H/L Tubesheet	VOL		0.88	TTS-HL	-0.65
		7/93 RFO	H/L Tubesheet	VOL		0.98	TTS-HL	-1.99
15	77	7/93 RFO	Bobbin	IDI	40	7.78	TE-HL	+19.04
		7/93 RFO	H/L Tubesheet	SAI		1.51	TTS-HL	-1.73
		7/93 RFO	H/L Special Int	SAI		0.80	TE-HL	+19.17
		7/93 RFO	C/L Special Int	VOL		0.41	17TH TSP	-4.36
		7/93 RFO	C/L Special Int	VOL		0.96	17TH TSP	-2.63
		7/93 RFO	C/L Special Int	VOL		1.19	18TH TSP	+2.99
15	88	7/93 RFO	C/L Special Int	VOL		1.10	10TH TSP	+31.93
16	11	7/93 RFO	Bobbin	ADI		6.26	1ST TSP	+5.52
		7/93 RFO	H/L Special Int	VOL		1.40	1ST TSP	+5.04
16	16	7/93 RFO	Bobbin	IDI	40	6.42	TE-HL	+13.98
16	18	7/93 RFO	Bobbin	IDI	40	9.64	TE-HL	+11.43
16	39	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+14.74
16	42	7/93 RFO	C/L Special Int	VOL		0.29	12TH TSP	+15.80
16	43	7/93 RFO	Bobbin	ADI		7.91	6TH TSP	+30.78
		7/93 RFO	H/L Special Int	VOL		0.41	7TH TSP	-14.47
16	47	7/93 RFO	C/L Special Int	VOL		0.84	9TH TSP	-3.39
16	52	7/93 RFO	C/L Special Int	VOL		0.47	10TH TSP	+26.33
16	100	7/93 RFO	C/L Special Int	VOL		0.74	13TH TSP	+2.27
17	21	7/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	+5.17
17	30	7/93 RFO	H/L Tubesheet	SAI		1.95	TTS-HL	-4.12
17	31	7/93 RFO	C/L Special Int	VOL		0.76	22ND TSP	+12.52
17	39	7/93 RFO	C/L Special Int	VOL		0.54	16TH TSP	-1.90
17	43	7/93 RFO	Bobbin	IDI	40	9.81	TE-HL	+17.90
		7/93 RFO	H/L Tubesheet	SAI		3.09	TTS-HL	-3.23
		7/93 RFO	H/L Special Int	MAI		0.97	TE-HL	+8.60
		7/93 RFO	H/L Special Int	MAI		1.04	TE-HL	+14.18
		7/93 RFO	H/L Special Int	MAI		1.18	TE-HL	+12.20
		7/93 RFO	H/L Special Int	SAI		1.02	TE-HL	+9.61
		7/93 RFO	H/L Special Int	SAI		1.17	TE-HL	+15.18
		7/93 RFO	H/L Special Int	SAI		1.18	TE-HL	+13.16
		7/93 RFO	H/L Special Int	SAI		3.07	TE-HL	+18.02
17	63	7/93 RFO	Bobbin	NQI		0.85	4TH TSP	+14.60
		7/93 RFO	Bobbin	NQI		1.21	4TH TSP	+20.75
		7/93 RFO	H/L Special Int	VOL		0.38	4TH TSP	+12.07
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+14.83
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+17.16
		7/93 RFO	H/L Special Int	VOL		1.60	4TH TSP	+21.25
17	64	7/93 RFO	Bobbin	NQI		0.54	3RD TSP	-0.18
17	70	7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	+3.52
18	11	7/93 RFO	Bobbin	IDI	40	21.85	TE-HL	+8.07
18	29	7/93 RFO	Bobbin	IDI	40	8.80	TE-HL	+14.18
18	31	7/93 RFO	H/L Tubesheet	SAI		1.35	TTS-HL	-4.16
18	60	7/93 RFO	H/L Tubesheet	SAI		1.83	TTS-HL	-4.49
18	61	7/93 RFO	H/L Tubesheet	SAI		2.88	TTS-HL	-4.68
18	62	7/93 RFO	C/L Special Int	VOL		0.30	14TH TSP	+6.89
18	65	7/93 RFO	H/L Tubesheet	SAI		1.05	TTS-HL	-4.83
18	111	7/93 RFO	C/L Special Int	VOL		0.87	11TH TSP	+16.83
19	8	7/93 RFO	Bobbin	ADI		3.03	3RD TSP	+6.81
19	48	7/93 RFO	C/L Special Int	VOL		0.58	12TH TSP	+7.16
19	51	7/93 RFO	C/L Special Int	VOL		0.37	18TH TSP	+13.19
		7/93 RFO	C/L Special Int	VOL		0.41	19TH TSP	+3.71
19	63	7/93 RFO	H/L Tubesheet	MAI		1.68	TTS-HL	-4.46
19	95	7/93 RFO	Bobbin	ODI	12	1.24	10TH TSP	+30.70
		7/93 RFO	C/L Special Int	VOL		0.98	9TH TSP	-12.92
19	108	7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	+5.37
		7/93 RFO	H/L Special Int	VOL		0.65	6TH TSP	+14.01
		7/93 RFO	H/L Special Int	VOL		0.66	6TH TSP	-0.25
		7/93 RFO	H/L Special Int	VOL		0.71	6TH TSP	+17.36
		7/93 RFO	H/L Special Int	VOL		0.76	6TH TSP	+2.56
		7/93 RFO	H/L Special Int	VOL		0.77	6TH TSP	+12.55



ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	VOL		0.79	6TH TSP	+19.05
20	14	7/93 RFO	C/L Special Int	VOL		0.82	18TH TSP	+16.59
20	20	7/93 RFO	Bobbin	IDI	40	16.72	TE-HL	+13.92
20	33	7/93 RFO	Bobbin	ADI		1.44	1ST TSP	+17.07
20	44	7/93 RFO	H/L Tubesheet	SAI		1.05	TTS-HL	-3.52
20	59	7/93 RFO	C/L Special Int	VOL		0.89	19TH TSP	+6.06
20	62	7/93 RFO	H/L Tubesheet	SAI		2.34	TTS-HL	-4.60
20	82	7/93 RFO	C/L Special Int	VOL		1.00	15TH TSP	+2.71
20	87	7/93 RFO	Bobbin	NQI		0.57	5TH TSP	+25.96
		7/93 RFO	H/L Special Int	VOL		1.32	6TH TSP	-17.72
20	89	7/93 RFO	H/L Tubesheet	VOL		0.84	TTS-HL	+2.12
20	91	7/93 RFO	C/L Special Int	VOL		0.35	15TH TSP	+4.19
20	97	7/93 RFO	C/L Special Int	VOL		0.66	13TH TSP	+12.22
20	98	7/93 RFO	Bobbin	ODI	7	1.44	3RD TSP	+3.33
		7/93 RFO	H/L Special Int	VOL		1.47	3RD TSP	+3.82
20	99	7/93 RFO	Bobbin	ODI	15	0.92	16TH TSP	+2.82
		7/93 RFO	C/L Special Int	VOL		0.52	16TH TSP	+3.14
20	101	7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+28.83
21	36	7/93 RFO	H/L Tubesheet	SAI		1.89	TTS-HL	-4.02
21	56	7/93 RFO	Bobbin	ODI	5	0.79	11TH TSP	+5.78
		7/93 RFO	C/L Special Int	VOL		0.97	11TH TSP	+5.74
21	57	7/93 RFO	Bobbin	ADI		1.82	5TH TSP	+34.40
		7/93 RFO	Bobbin	ADI		4.65	5TH TSP	+24.29
		7/93 RFO	H/L Special Int	VOL		0.70	6TH TSP	-21.02
		7/93 RFO	H/L Special Int	VOL		0.99	6TH TSP	-9.56
21	69	7/93 RFO	U-Bend	VOL		1.66	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	37	2.77	3AVB	+0.00
21	77	7/93 RFO	Bobbin	ADI		9.69	6TH TSP	+26.32
		7/93 RFO	H/L Special Int	VOL		1.30	7TH TSP	-17.47
21	81	7/93 RFO	C/L Special Int	VOL		1.42	18TH TSP	+3.84
22	7	7/93 RFO	C/L Special Int	VOL		1.04	9TH TSP	-5.58
22	22	7/93 RFO	C/L Special Int	VOL		0.71	14TH TSP	+2.94
22	31	7/93 RFO	Bobbin	ADI		5.65	3RD TSP	+4.74
		7/93 RFO	H/L Special Int	VOL		0.73	3RD TSP	+4.68
22	40	7/93 RFO	Bobbin	ADI		5.18	7TH TSP	+11.56
22	46	7/93 RFO	H/L Tubesheet	SAI		1.99	TTS-HL	-3.76
22	59	7/93 RFO	Bobbin	NQI		0.68	11TH TSP	+31.74
		7/93 RFO	C/L Special Int	VOL		0.69	10TH TSP	-12.42
22	69	7/93 RFO	Bobbin	ADI		9.09	6TH TSP	+28.96
		7/93 RFO	H/L Special Int	VOL		0.87	7TH TSP	-15.24
22	75	7/93 RFO	C/L Special Int	VOL		0.80	11TH TSP	-15.13
22	91	7/93 RFO	C/L Special Int	VOL		0.53	12TH TSP	+22.84
22	94	7/93 RFO	Bobbin	ADI		5.44	5TH TSP	+39.41
		7/93 RFO	H/L Special Int	VOL		1.31	6TH TSP	-5.30
23	14	7/93 RFO	Bobbin	IDI	40	5.86	TE-HL	+17.93
		7/93 RFO	H/L Tubesheet	SAI		4.40	TTS-HL	-3.15
		7/93 RFO	H/L Special Int	SAI		5.09	TTS-HL	-3.07
23	27	7/93 RFO	Bobbin	IDI	40	6.08	TE-HL	+11.96
		7/93 RFO	H/L Special Int	MAI		4.83	TTS-HL	-9.10
23	50	7/93 RFO	Bobbin	ADI		5.97	7TH TSP	+7.79
		7/93 RFO	H/L Special Int	VOL		0.69	7TH TSP	+7.86
23	53	7/93 RFO	C/L Special Int	VOL		0.65	18TH TSP	+9.58
23	54	7/93 RFO	H/L Tubesheet	SAI		2.20	TTS-HL	+0.00
23	57	7/93 RFO	Bobbin	ADI		4.32	17TH TSP	+0.50
23	95	7/93 RFO	C/L Special Int	VOL		0.51	17TH TSP	+5.58
24	36	7/93 RFO	Bobbin	ADI		5.07	3RD TSP	+16.76
		7/93 RFO	H/L Special Int	VOL		0.95	3RD TSP	+16.77
24	42	7/93 RFO	Bobbin	ADI		5.01	18TH TSP	+14.25
		7/93 RFO	C/L Special Int	VOL		0.85	17TH TSP	-8.48
24	47	7/93 RFO	H/L Tubesheet	SAI		3.23	TTS-HL	-1.35
24	88	7/93 RFO	Bobbin	ODI	28	1.01	5TH TSP	+15.34
		7/93 RFO	H/L Special Int	VOL		1.69	5TH TSP	+16.68
24	102	7/93 RFO	H/L Special Int	VOL		0.74	4TH TSP	+0.00
24	105	7/93 RFO	C/L Special Int	VOL		0.97	10TH TSP	-13.41
25	25	7/93 RFO	Bobbin	NQI		4.15	5TH TSP	+12.66

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int VOL			0.53	5TH TSP	+14.02
		7/93 RFO	H/L Special Int VOL			0.78	5TH TSP	+18.07
		7/93 RFO	H/L Special Int VOL			2.73	5TH TSP	+12.58
25	62	7/93 RFO	Bobbin ADI			4.21	6TH TSP	+13.80
25	72	7/93 RFO	Bobbin ADI			3.90	15TH TSP	+6.20
		7/93 RFO	C/L Special Int VOL			0.32	14TH TSP	+3.06
		7/93 RFO	C/L Special Int VOL			0.37	15TH TSP	+13.77
25	73	7/93 RFO	C/L Special Int VOL			0.92	10TH TSP	+4.59
25	74	7/93 RFO	Bobbin ADI			8.00	5TH TSP	+17.52
		7/93 RFO	H/L Special Int VOL			1.22	5TH TSP	+16.59
		7/93 RFO	H/L Special Int VOL			1.36	5TH TSP	+17.43
25	79	7/93 RFO	Bobbin IDI	40		2.40	TE-HL	+3.28
25	94	7/93 RFO	Bobbin NQI			0.85	7TH TSP	+25.04
		7/93 RFO	Bobbin ODI	1		1.55	4TH TSP	+37.26
		7/93 RFO	Bobbin ODI	19		1.05	5TH TSP	+24.22
		7/93 RFO	H/L Special Int VOL			1.09	7TH TSP	+18.36
		7/93 RFO	H/L Special Int VOL			1.12	7TH TSP	+22.50
		7/93 RFO	H/L Special Int VOL			1.14	5TH TSP	-7.50
		7/93 RFO	H/L Special Int VOL			1.38	5TH TSP	+24.68
25	97	7/93 RFO	C/L Special Int VOL			0.46	13TH TSP	+11.21
26	8	7/93 RFO	C/L Special Int VOL			0.38	16TH TSP	+7.40
26	27	7/93 RFO	Bobbin IDI	40		16.27	TE-HL	+17.64
26	32	7/93 RFO	C/L Special Int VOL			0.33	21ST TSP	-3.12
26	38	7/93 RFO	C/L Special Int VOL			0.71	10TH TSP	-8.14
26	40	7/93 RFO	Bobbin WAR	8		0.38	2AVB	+0.00
		7/93 RFO	C/L Special Int VOL			0.35	18TH TSP	+10.60
26	58	7/93 RFO	Bobbin IDI	40		15.84	TE-HL	+10.20
		7/93 RFO	H/L Special Int MAI			1.91	TE-HL	+11.06
		7/93 RFO	H/L Special Int SAI			0.90	TE-HL	+12.76
		7/93 RFO	H/L Special Int SAI			6.62	TE-HL	+10.00
26	75	7/93 RFO	C/L Special Int VOL			0.60	10TH TSP	+25.06
26	77	7/93 RFO	U-Bend VOL			2.02	1AVB	+7.55
		7/93 RFO	Bobbin ADI			9.64	8TH TSP	+31.40
26	86	7/93 RFO	H/L Special Int VOL			0.52	3RD TSP	+0.00
26	101	7/93 RFO	Bobbin ODI	7		0.91	5TH TSP	+5.56
		7/93 RFO	Bobbin ODI	17		0.72	5TH TSP	+31.42
		7/93 RFO	Bobbin ODI	20		0.29	5TH TSP	+11.01
		7/93 RFO	H/L Special Int VOL			0.58	5TH TSP	+31.08
		7/93 RFO	H/L Special Int VOL			0.61	5TH TSP	+11.04
		7/93 RFO	H/L Special Int VOL			0.67	5TH TSP	+5.61
28	13	7/93 RFO	Bobbin IDI	40		8.69	TE-HL	+15.00
		7/93 RFO	H/L Special Int SAI			5.45	TTS-HL	-5.93
28	33	7/93 RFO	C/L Special Int VOL			0.71	9TH TSP	-8.33
28	36	7/93 RFO	C/L Special Int VOL			0.99	17TH TSP	+3.48
28	56	7/93 RFO	Bobbin IDI	40		3.03	TE-HL	+15.15
29	13	7/93 RFO	C/L Special Int VOL			0.46	11TH TSP	+3.42
29	35	7/93 RFO	C/L Special Int VOL			0.67	17TH TSP	+6.70
		7/93 RFO	C/L Special Int VOL			0.87	13TH TSP	+5.06
30	21	7/93 RFO	H/L Tubesheet SAI			0.80	TTS-HL	+0.00
30	103	7/93 RFO	Bobbin WAR	14		0.61	2AVB	+0.00
31	28	7/93 RFO	C/L Special Int VOL			0.68	17TH TSP	+9.12
31	30	7/93 RFO	C/L Special Int VOL			0.30	16TH TSP	+1.54
31	59	7/93 RFO	C/L Special Int VOL			0.29	10TH TSP	+14.03
		7/93 RFO	C/L Special Int VOL			0.32	12TH TSP	-6.04
31	76	7/93 RFO	Bobbin NQI			0.65	2ND TSP	-0.18
32	34	7/93 RFO	C/L Special Int VOL			0.40	22ND TSP	+9.78
32	57	7/93 RFO	C/L Special Int VOL			0.50	12TH TSP	+13.78
32	62	7/93 RFO	C/L Special Int VOL			0.47	10TH TSP	-3.38
32	63	7/93 RFO	C/L Special Int VOL			0.61	10TH TSP	+2.82
32	78	7/93 RFO	Bobbin IDI	40		6.43	TE-HL	+5.30
32	92	7/93 RFO	C/L Special Int VOL			0.50	18TH TSP	+9.17
33	44	7/93 RFO	C/L Special Int VOL			1.05	15TH TSP	+3.66
33	54	7/93 RFO	C/L Special Int VOL			3.49	11TH TSP	-2.34
33	73	7/93 RFO	Bobbin ADI			4.40	6TH TSP	+38.61
		7/93 RFO	H/L Special Int VOL			1.52	7TH TSP	-5.59

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Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
33	95	7/93 RFO	H/L Special Int	VOL		0.51	5TH TSP	-8.56
		7/93 RFO	H/L Special Int	VOL		0.92	5TH TSP	-10.11
34	21	7/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+1.91
		7/93 RFO	C/L Special Int	VOL		0.36	18TH TSP	+2.88
		7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	+1.03
		7/93 RFO	C/L Special Int	VOL		0.98	11TH TSP	+4.16
34	66	7/93 RFO	Bobbin	WAR	10	1.96	18TH TSP	+0.00
34	70	7/93 RFO	Bobbin	ADI		4.11	14TH TSP	+7.11
		7/93 RFO	C/L Special Int	VOL		0.21	13TH TSP	+1.36
		7/93 RFO	C/L Special Int	VOL		0.34	13TH TSP	+0.62
		7/93 RFO	C/L Special Int	VOL		0.66	14TH TSP	+7.20
		7/93 RFO	C/L Special Int	VOL		0.70	14TH TSP	+9.15
34	100	7/93 RFO	H/L Tubesheet	SAI		0.96	TTS-HL	+0.00
35	21	7/93 RFO	Bobbin	NQI		0.42	17TH TSP	+6.63
35	26	7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	-16.89
35	33	7/93 RFO	Bobbin	WAR	24	1.51	3AVB	+0.00
35	34	7/93 RFO	Bobbin	NQI		0.51	TTS-CL	+6.76
35	40	7/93 RFO	C/L Special Int	VOL		0.58	16TH TSP	+3.26
35	41	7/93 RFO	C/L Special Int	VOL		0.18	21ST TSP	+3.06
		7/93 RFO	C/L Special Int	VOL		0.38	21ST TSP	+4.73
35	45	7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	+11.20
35	51	7/93 RFO	C/L Special Int	VOL		0.24	11TH TSP	-9.42
35	83	7/93 RFO	C/L Special Int	VOL		0.24	16TH TSP	+2.88
36	17	7/93 RFO	U-Bend	NQI		2.76	9TH TSP	+3.35
36	35	7/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+16.01
36	46	7/93 RFO	Bobbin	NQI		0.48	TTS-CL	+5.01
		7/93 RFO	C/L Special Int	VOL		0.50	TTS-CL	+4.39
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+4.79
		7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	+8.54
36	48	7/93 RFO	Bobbin	WAR	9	0.54	1AVB	+0.00
36	49	7/93 RFO	U-Bend	VOL		0.26	1AVB	+0.00
		7/93 RFO	U-Bend	VOL		1.22	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.91	2AVB	+0.00
36	54	7/93 RFO	Bobbin	ADI		5.35	6TH TSP	+4.61
		7/93 RFO	H/L Special Int	VOL		0.39	6TH TSP	+4.19
37	26	7/93 RFO	Bobbin	ADI		4.21	5TH TSP	+37.40
		7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	-11.95
		7/93 RFO	H/L Special Int	VOL		0.77	6TH TSP	-6.78
37	44	7/93 RFO	Bobbin	IDI	40	11.10	TE-HL	+13.16
		7/93 RFO	Bobbin	IDI	40	15.45	TE-HL	+14.27
		7/93 RFO	H/L Special Int	MAI		3.67	TTS-HL	-6.57
37	69	7/93 RFO	C/L Special Int	VOL		0.40	15TH TSP	+2.39
37	89	7/93 RFO	C/L Special Int	VOL		0.38	11TH TSP	-1.80
37	99	7/93 RFO	Bobbin	ODI	2	2.53	10TH TSP	+9.36
		7/93 RFO	C/L Special Int	VOL		1.98	10TH TSP	+9.46
38	18	7/93 RFO	Bobbin	WAR	7	0.45	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.12	3AVB	+0.00
38	22	7/93 RFO	U-Bend	VOL		0.57	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.10	1AVB	+0.00
38	32	7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+8.25
38	44	7/93 RFO	Bobbin	ADI		5.51	3RD TSP	+4.51
		7/93 RFO	H/L Special Int	VOL		0.97	3RD TSP	+4.15
		7/93 RFO	C/L Special Int	VOL		0.93	12TH TSP	+24.16
38	46	7/93 RFO	Bobbin	WAR	11	0.65	1AVB	+0.00
38	47	7/93 RFO	U-Bend	VOL		0.72	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	33	2.95	3AVB	+0.00
38	60	7/93 RFO	Bobbin	ADI		4.97	4TH TSP	+29.40
		7/93 RFO	H/L Special Int	VOL		1.21	5TH TSP	-14.56
38	70	7/93 RFO	U-Bend	VOL		0.19	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.45	1AVB	+0.00
38	72	7/93 RFO	C/L Special Int	VOL		0.35	19TH TSP	+2.55
38	73	7/93 RFO	Bobbin	ADI		5.87	5TH TSP	+23.30
		7/93 RFO	H/L Special Int	VOL		0.36	5TH TSP	+28.44
		7/93 RFO	H/L Special Int	VOL		0.63	5TH TSP	+24.83
38	79	7/93 RFO	Bobbin	WAR	23	1.16	2AVB	+0.00

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ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	WAR	29	0.83	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	29	1.71	3AVB	+0.00
39	29	7/93 RFO	U-Bend	VOL		0.36	2AVB	+0.00
		7/93 RFO	U-Bend	VOL		0.54	3AVB	+0.13
		7/93 RFO	Bobbin	WAR	29	2.36	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	30	2.50	3AVB	+0.00
39	35	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+10.89
		7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+10.04
39	56	7/93 RFO	Bobbin	ADI		10.10	2AVB	+8.68
39	72	7/93 RFO	Bobbin	NQI		0.79	TTS-CL	+1.66
		7/93 RFO	Bobbin	ODI	12	1.05	TTS-CL	+3.07
40	19	7/93 RFO	Bobbin	WAR	18	1.14	1AVB	+0.00
40	65	7/93 RFO	Bobbin	ADI		9.12	6TH TSP	+31.44
		7/93 RFO	H/L Special Int	VOL		6.12	7TH TSP	-13.35
41	36	7/93 RFO	Bobbin	IDI	40	3.52	TE-HL	+8.68
41	39	7/93 RFO	Bobbin	IDI	40	3.93	TE-HL	+8.67
41	43	7/93 RFO	Bobbin	IDI	40	2.76	TE-HL	+16.54
41	50	7/93 RFO	Bobbin	ODI	7	1.67	13TH TSP	+19.88
41	69	7/93 RFO	C/L Special Int	VOL		1.18	10TH TSP	+19.73
41	71	7/93 RFO	C/L Special Int	VOL		0.46	18TH TSP	+4.57
41	73	7/93 RFO	C/L Special Int	VOL		0.49	19TH TSP	+2.55
41	82	7/93 RFO	C/L Special Int	VOL		0.88	15TH TSP	+2.38
42	24	7/93 RFO	Bobbin	ADI		2.72	2ND TSP	+10.11
42	27	7/93 RFO	C/L Special Int	VOL		0.71	11TH TSP	-5.79
42	32	7/93 RFO	Bobbin	ADI		1.81	2ND TSP	+6.23
42	33	7/93 RFO	C/L Special Int	VOL		0.13	11TH TSP	-3.26
42	39	7/93 RFO	C/L Special Int	VOL		0.17	21ST TSP	-3.02
42	50	7/93 RFO	C/L Special Int	VOL		0.17	17TH TSP	+5.71
		7/93 RFO	C/L Special Int	VOL		0.38	17TH TSP	+3.33
		7/93 RFO	C/L Special Int	VOL		0.34	9TH TSP	-11.68
42	52	7/93 RFO	C/L Special Int	VOL		1.01	11TH TSP	+27.48
42	65	7/93 RFO	C/L Special Int	VOL		7.05	12TH TSP	+1.62
42	86	7/93 RFO	Bobbin	ADI		0.37	12TH TSP	+20.90
		7/93 RFO	C/L Special Int	VOL		0.81	12TH TSP	+11.60
		7/93 RFO	C/L Special Int	VOL		0.82	12TH TSP	+1.30
		7/93 RFO	C/L Special Int	VOL		0.91	12TH TSP	+27.14
		7/93 RFO	C/L Special Int	VOL		1.16	12TH TSP	+7.85
42	87	7/93 RFO	Bobbin	WAR	29	2.52	3AVB	+0.00
42	91	7/93 RFO	Bobbin	WAR	17	0.75	2AVB	+0.00
42	93	7/93 RFO	C/L Special Int	VOL		0.46	17TH TSP	-3.34
43	23	7/93 RFO	Bobbin	ADI		3.46	7TH TSP	+38.34
		7/93 RFO	H/L Special Int	VOL		0.51	8TH TSP	-5.58
43	37	7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+13.73
43	56	7/93 RFO	Bobbin	ADI		3.04	6TH TSP	+12.10
43	64	7/93 RFO	Bobbin	WAR	22	1.10	1AVB	+0.00
43	74	7/93 RFO	Bobbin	ODI	16	1.67	3RD TSP	+35.97
		7/93 RFO	H/L Special Int	VOL		2.28	4TH TSP	-8.93
43	86	7/93 RFO	Bobbin	ODI	9	0.58	5TH TSP	+5.99
		7/93 RFO	H/L Special Int	VOL		1.00	5TH TSP	+6.45
43	89	7/93 RFO	Bobbin	ADI		5.64	4TH TSP	+11.47
		7/93 RFO	H/L Special Int	VOL		1.33	4TH TSP	+11.53
		7/93 RFO	C/L Special Int	VOL		0.66	13TH TSP	+4.06
43	93	7/93 RFO	Bobbin	NQI		0.29	7TH TSP	+9.67
44	27	7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+12.40
		7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+26.45
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+1.32
44	46	7/93 RFO	C/L Special Int	VOL		1.27	12TH TSP	+33.56
44	53	7/93 RFO	Bobbin	ADI		4.04	1ST TSP	+8.88
		7/93 RFO	H/L Special Int	VOL		0.79	1ST TSP	+8.88
44	89	7/93 RFO	C/L Special Int	VOL		0.93	10TH TSP	+11.37
45	47	7/93 RFO	Bobbin	WAR	14	0.73	1AVB	+0.00
45	64	7/93 RFO	Bobbin	NQI		9.98	TTS-CL	+0.39
45	75	7/93 RFO	Bobbin	ODI	3	0.59	4TH TSP	+10.28
		7/93 RFO	H/L Special Int	VOL		1.60	4TH TSP	+10.88
46	27	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	-5.75

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS  
 QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND %TW	VOLTS	LOCATION	EXTENT1
46	44	7/93 RFO	Bobbin		9.62	10TH TSP	+15.10
		7/93 RFO	C/L Special Int		1.06	10TH TSP	+15.37
46	76	7/93 RFO	C/L Special Int		0.93	10TH TSP	+21.75
		7/93 RFO	C/L Special Int		1.43	10TH TSP	+36.87
47	39	7/93 RFO	Bobbin		0.31	3RD TSP	-0.05
47	42	7/93 RFO	Bobbin		7.13	1AVB	+3.98
47	53	7/93 RFO	Bobbin		3.57	15TH TSP	+6.78
47	59	7/93 RFO	C/L Special Int		0.39	17TH TSP	-4.83
47	66	7/93 RFO	C/L Special Int		0.31	22ND TSP	+11.49
47	70	7/93 RFO	Bobbin		0.75	22ND TSP	+3.50
47	75	7/93 RFO	C/L Special Int		0.39	13TH TSP	+13.98
48	29	7/93 RFO	C/L Special Int		0.88	12TH TSP	+19.12
48	39	7/93 RFO	C/L Special Int		0.42	18TH TSP	+2.58
48	48	7/93 RFO	C/L Special Int		0.77	17TH TSP	-1.86
48	50	7/93 RFO	Bobbin	10	1.99	17TH TSP	+0.00
48	56	7/93 RFO	Bobbin		3.93	4TH TSP	+26.60
		7/93 RFO	H/L Special Int		0.82	4TH TSP	+25.00
48	57	7/93 RFO	Bobbin	9	1.91	20TH TSP	+0.00
48	71	7/93 RFO	Bobbin	7	1.69	16TH TSP	+0.00
		7/93 RFO	C/L Special Int		0.85	16TH TSP	-0.33
49	38	7/93 RFO	C/L Special Int		0.17	22ND TSP	+15.08
49	51	7/93 RFO	Bobbin	12	2.84	17TH TSP	+0.00
		7/93 RFO	C/L Special Int		0.75	17TH TSP	+0.00
49	54	7/93 RFO	Bobbin	17	0.95	13TH TSP	+13.83
49	55	7/93 RFO	Bobbin	6	1.16	17TH TSP	+0.00
		7/93 RFO	C/L Special Int		0.52	17TH TSP	+0.00
49	59	7/93 RFO	C/L Special Int		1.64	13TH TSP	+15.15

Total Indications Found = 677  
 Total Tubes Found = 391

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTEN1
1	12	7/93 RFO	H/L Special Int	VOL		1.43	5TH TSP	-7.00
1	18	7/93 RFO	U-Bend	SAI		1.06	8TH TSP	+3.57
2	4	7/93 RFO	C/L Special Int	VOL		1.26	16TH TSP	+9.66
2	28	7/93 RFO	Bobbin	ADI		6.33	3RD TSP	+11.31
		7/93 RFO	H/L Special Int	VOL		0.75	3RD TSP	+11.03
2	61	7/93 RFO	Bobbin	IDI	40	9.15	TE-HL	+14.96
2	77	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+11.09
		7/93 RFO	C/L Special Int	VOL		0.40	13TH TSP	+10.16
2	98	7/93 RFO	Bobbin	ADI		5.81	22ND TSP	+4.91
		7/93 RFO	C/L Special Int	VOL		1.19	22ND TSP	+4.90
3	12	7/93 RFO	C/L Special Int	VOL		0.60	16TH TSP	+18.04
		7/93 RFO	C/L Special Int	VOL		2.03	16TH TSP	+2.92
		7/93 RFO	C/L Special Int	VOL		3.39	22ND TSP	+1.59
3	15	7/93 RFO	Bobbin	NQI		0.37	16TH TSP	-0.34
3	20	7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+30.49 to +33.96
3	64	7/93 RFO	Bobbin	ADI		5.19	1ST TSP	+5.62
		7/93 RFO	Bobbin	ODI	14	0.78	11TH TSP	+5.16
		7/93 RFO	Bobbin	ODI	39	0.68	11TH TSP	+3.47
		7/93 RFO	H/L Special Int	VOL		0.91	1ST TSP	+5.34
		7/93 RFO	C/L Special Int	VOL		0.47	11TH TSP	+5.55
		7/93 RFO	C/L Special Int	VOL		0.86	11TH TSP	+3.74
3	75	7/93 RFO	Bobbin	ODI	9	5.20	3RD TSP	+40.34
		7/93 RFO	H/L Special Int	VOL		0.52	4TH TSP	-4.11
		7/93 RFO	C/L Special Int	VOL		0.37	19TH TSP	+25.92
3	80	7/93 RFO	C/L Special Int	VOL		0.46	10TH TSP	+19.28
3	83	7/93 RFO	C/L Special Int	VOL		0.57	16TH TSP	+0.56
3	87	7/93 RFO	Bobbin	ADI		3.43	16TH TSP	+11.96
		7/93 RFO	Bobbin	ADI		4.97	14TH TSP	+4.88
		7/93 RFO	C/L Special Int	VOL		0.37	19TH TSP	+8.09
		7/93 RFO	C/L Special Int	VOL		0.49	14TH TSP	+4.52
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+18.44
		7/93 RFO	C/L Special Int	VOL		0.66	16TH TSP	+11.62
3	89	7/93 RFO	Bobbin	ADI		2.71	6TH TSP	+19.14
3	104	7/93 RFO	H/L Tubesheet	SAI		0.51	TTS-HL	+0.00
4	4	7/93 RFO	C/L Special Int	VOL		1.56	9TH TSP	-9.82
4	7	7/93 RFO	Bobbin	NQI		0.59	12TH TSP	+25.55
		7/93 RFO	Bobbin	ODI	28	1.50	6TH TSP	+24.51
		7/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	+22.51
		7/93 RFO	H/L Special Int	VOL		1.12	6TH TSP	+23.60
4	35	7/93 RFO	Bobbin	IDI	40	8.93	TE-HL	+17.17
		7/93 RFO	Bobbin	IDI	40	11.07	TE-HL	+17.05
		7/93 RFO	H/L Tubesheet	MAI		5.04	TTS-HL	-4.39
4	39	7/93 RFO	Bobbin	ODI	3	0.37	13TH TSP	+18.89
		7/93 RFO	Bobbin	ODI	14	0.32	13TH TSP	+18.95
		7/93 RFO	Bobbin	ODI	17	0.68	13TH TSP	+19.12
4	40	7/93 RFO	Bobbin	IDI	40	3.49	TE-HL	+1.13
		7/93 RFO	Bobbin	IDI	40	7.86	TE-HL	+1.70
4	57	7/93 RFO	C/L Special Int	VOL		0.99	11TH TSP	+15.09
4	70	7/93 RFO	Bobbin	IDI	40	79.12	TE-HL	+15.13
		7/93 RFO	H/L Tubesheet	SAI		0.52	TTS-HL	-0.17
4	73	7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	+36.71
4	78	7/93 RFO	H/L Tubesheet	SAI		0.66	TTS-HL	-0.10
4	80	7/93 RFO	H/L Tubesheet	SAI		1.02	TTS-HL	-0.10
4	85	7/93 RFO	H/L Tubesheet	SAI		0.71	TTS-HL	-1.25
4	86	7/93 RFO	Bobbin	ODI	37	1.89	11TH TSP	+13.22
		7/93 RFO	C/L Special Int	VOL		0.29	16TH TSP	+19.07
		7/93 RFO	C/L Special Int	VOL		0.61	11TH TSP	+12.53
4	88	7/93 RFO	H/L Tubesheet	SAI		0.26	TTS-HL	+0.00
4	96	7/93 RFO	C/L Special Int	VOL		0.25	TTS-CL	+1.09
		7/93 RFO	C/L Special Int	VOL		1.11	10TH TSP	+22.95
4	109	7/93 RFO	H/L Tubesheet	SAI		0.91	TTS-HL	-0.08
5	1	7/93 RFO	Bobbin	ADI		3.58	12TH TSP	+18.63
		7/93 RFO	Bobbin	ADI		4.38	13TH TSP	+9.36
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	+9.67
5	11	7/93 RFO	Bobbin	ADI		2.27	13TH TSP	+11.41

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin			2.87	13TH TSP	+13.50
		7/93 RFO	C/L Special Int			1.14	13TH TSP	+10.86
		7/93 RFO	C/L Special Int			1.66	13TH TSP	+13.08
5	38	7/93 RFO	H/L Tubesheet			1.30	TTS-HL	-3.39
5	44	7/93 RFO	C/L Special Int			0.61	12TH TSP	+4.09
5	62	7/93 RFO	C/L Special Int			0.38	18TH TSP	+10.37
		7/93 RFO	C/L Special Int			0.73	13TH TSP	+17.36
5	72	7/93 RFO	H/L Tubesheet			1.70	TTS-HL	+0.00
5	75	7/93 RFO	Bobbin			7.34	20TH TSP	+5.55
		7/93 RFO	C/L Special Int			1.01	20TH TSP	+5.28
5	80	7/93 RFO	C/L Special Int			0.83	22ND TSP	+12.05
5	86	7/93 RFO	C/L Special Int			0.44	11TH TSP	-3.31
		7/93 RFO	C/L Special Int			0.93	11TH TSP	+12.30
5	87	7/93 RFO	C/L Special Int			0.55	10TH TSP	+20.68
5	114	7/93 RFO	H/L Tubesheet			0.37	TTS-HL	-3.17
6	3	7/93 RFO	Bobbin			1.36	22ND TSP	+12.48
6	10	7/93 RFO	Bobbin			1.79	11TH TSP	+14.78
		7/93 RFO	Bobbin		5	1.15	16TH TSP	+1.66
		7/93 RFO	Bobbin		21	0.89	15TH TSP	+7.83
		7/93 RFO	Bobbin		34	0.53	17TH TSP	-1.58
		7/93 RFO	C/L Special Int			1.36	17TH TSP	-1.67
		7/93 RFO	C/L Special Int			1.56	11TH TSP	+15.47
		7/93 RFO	C/L Special Int			1.84	16TH TSP	+1.90
		7/93 RFO	C/L Special Int			2.46	15TH TSP	+8.26
6	18	7/93 RFO	Bobbin			0.69	11TH TSP	+20.17
		7/93 RFO	C/L Special Int			1.11	11TH TSP	+18.33
6	34	7/93 RFO	Bobbin			0.90	17TH TSP	+5.74
6	46	7/93 RFO	H/L Tubesheet			0.41	TTS-HL	-0.07
6	50	7/93 RFO	Bobbin			2.64	15TH TSP	+5.85
		7/93 RFO	C/L Special Int			0.68	11TH TSP	+3.77
6	64	7/93 RFO	H/L Tubesheet			3.16	TTS-HL	-5.57
6	77	7/93 RFO	Bobbin			0.56	18TH TSP	+1.20
		7/93 RFO	C/L Special Int			0.48	18TH TSP	+1.24
		7/93 RFO	C/L Special Int			1.06	22ND TSP	+13.42
6	82	7/93 RFO	Bobbin			0.56	3RD TSP	-0.05
6	92	7/93 RFO	C/L Special Int			0.37	10TH TSP	+2.55
		7/93 RFO	C/L Special Int			0.40	11TH TSP	+13.87
		7/93 RFO	C/L Special Int			0.49	10TH TSP	+2.87
6	93	7/93 RFO	Bobbin		24	1.34	2ND TSP	+17.09
		7/93 RFO	H/L Special Int			0.76	3RD TSP	-6.46
6	99	7/93 RFO	Bobbin		40	3.85	TE-HL	+15.86
6	102	7/93 RFO	C/L Special Int			0.42	10TH TSP	-1.87
6	110	7/93 RFO	H/L Tubesheet			0.48	TTS-HL	-0.09
7	4	7/93 RFO	Bobbin		8	0.70	5TH TSP	+12.51
		7/93 RFO	H/L Special Int			0.30	5TH TSP	+11.72
7	5	7/93 RFO	C/L Special Int			0.31	17TH TSP	-2.96
7	9	7/93 RFO	Bobbin			4.14	11TH TSP	+31.64
		7/93 RFO	Bobbin			4.21	12TH TSP	+40.03
		7/93 RFO	Bobbin		5	0.64	5TH TSP	+9.74
		7/93 RFO	H/L Special Int			0.41	5TH TSP	+9.56
		7/93 RFO	C/L Special Int			0.50	11TH TSP	+8.10
		7/93 RFO	C/L Special Int			0.57	11TH TSP	-4.47
		7/93 RFO	C/L Special Int			0.91	11TH TSP	+30.00
7	12	7/93 RFO	C/L Special Int			0.32	22ND TSP	+9.19
7	72	7/93 RFO	Bobbin		40	60.76	TE-HL	+16.81
		7/93 RFO	H/L Tubesheet			16.57	TTS-HL	-4.98
		7/93 RFO	H/L Special Int			16.89	TE-HL	+16.67
7	81	7/93 RFO	Bobbin		40	34.47	TE-HL	+3.51
		7/93 RFO	H/L Special Int			0.98	TE-HL	+5.19
		7/93 RFO	H/L Special Int			1.81	TE-HL	+7.86
		7/93 RFO	H/L Special Int			3.48	TE-HL	+3.42
7	82	7/93 RFO	C/L Special Int			0.43	10TH TSP	-14.74
7	83	7/93 RFO	Bobbin		40	13.81	TE-HL	+4.55
7	85	7/93 RFO	H/L Tubesheet			0.81	TTS-HL	-0.06
7	91	7/93 RFO	Bobbin			2.30	5TH TSP	+25.75

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin			9.90	5TH TSP	+9.38
		7/93 RFO	H/L Special Int			0.88	5TH TSP	+25.38
7	94	7/93 RFO	Bobbin		40	6.18	TE-HL	+15.76
7	95	7/93 RFO	C/L Special Int			0.35	13TH TSP	+13.11
7	107	7/93 RFO	Bobbin			6.48	4TH TSP	+15.21
		7/93 RFO	H/L Special Int			1.01	4TH TSP	+15.22
8	9	7/93 RFO	Bobbin			0.51	6TH TSP	+31.94
		7/93 RFO	Bobbin			1.99	12TH TSP	+37.01
		7/93 RFO	H/L Special Int			0.70	7TH TSP	-11.65
		7/93 RFO	C/L Special Int			0.86	11TH TSP	-6.91
8	16	7/93 RFO	C/L Special Int			0.28	11TH TSP	+15.09
8	81	7/93 RFO	C/L Special Int			1.17	13TH TSP	+7.37
8	84	7/93 RFO	Bobbin		40	23.52	TE-HL	+6.66
8	93	7/93 RFO	Bobbin		40	5.61	TE-HL	+13.16
		7/93 RFO	H/L Special Int			2.07	TE-HL	+13.35
8	94	7/93 RFO	H/L Tubesheet			1.11	TTS-HL	-3.90
9	11	7/93 RFO	C/L Special Int			0.68	14TH TSP	+1.49
9	26	7/93 RFO	Bobbin		40	3.77	TE-HL	+4.59
9	47	7/93 RFO	Bobbin		7	1.08	6TH TSP	+23.57
		7/93 RFO	H/L Special Int			0.74	6TH TSP	+24.78
9	56	7/93 RFO	C/L Special Int			0.46	12TH TSP	+22.05
9	75	7/93 RFO	Bobbin		40	2.82	TE-HL	+9.29
9	76	7/93 RFO	H/L Tubesheet			0.33	TTS-HL	+0.04
9	79	7/93 RFO	Bobbin		40	8.13	TE-HL	+13.53
		7/93 RFO	Bobbin		40	22.84	TE-HL	+12.35
9	84	7/93 RFO	C/L Special Int			0.57	13TH TSP	+1.98
9	86	7/93 RFO	C/L Special Int			0.35	13TH TSP	+12.63
		7/93 RFO	C/L Special Int			0.61	22ND TSP	+4.42
		7/93 RFO	C/L Special Int			0.63	16TH TSP	+3.02
9	89	7/93 RFO	Bobbin			5.07	3RD TSP	+38.08
		7/93 RFO	H/L Special Int			0.99	4TH TSP	-6.02
9	91	7/93 RFO	Bobbin			1.13	18TH TSP	+12.88
		7/93 RFO	Bobbin			2.02	18TH TSP	+13.96
		7/93 RFO	C/L Special Int			0.19	18TH TSP	+13.85
9	99	7/93 RFO	C/L Special Int			0.70	22ND TSP	+3.91
9	112	7/93 RFO	Bobbin		3	1.91	13TH TSP	+6.95
		7/93 RFO	Bobbin		20	1.31	13TH TSP	+11.51
		7/93 RFO	C/L Special Int			1.03	13TH TSP	+11.51
		7/93 RFO	C/L Special Int			1.11	13TH TSP	+6.95
10	13	7/93 RFO	C/L Special Int			0.35	21ST TSP	+2.48
10	33	7/93 RFO	Bobbin			2.35	11TH TSP	+40.62
		7/93 RFO	C/L Special Int			1.45	10TH TSP	-3.51
10	38	7/93 RFO	C/L Special Int			0.87	10TH TSP	-5.09
10	46	7/93 RFO	C/L Special Int			0.64	21ST TSP	+2.24
10	49	7/93 RFO	C/L Special Int			0.90	21ST TSP	+2.11
10	61	7/93 RFO	Bobbin		18	2.60	3RD TSP	+25.70
10	66	7/93 RFO	Bobbin		4	1.98	13TH TSP	+16.42
		7/93 RFO	C/L Special Int			0.25	12TH TSP	+7.11
		7/93 RFO	C/L Special Int			0.65	12TH TSP	+4.28
10	67	7/93 RFO	Bobbin		11	1.27	3RD TSP	+35.13
		7/93 RFO	H/L Special Int			0.81	4TH TSP	-9.78
10	82	7/93 RFO	Bobbin		40	16.10	TE-HL	+12.71
		7/93 RFO	Bobbin		40	16.30	TE-HL	+9.13
10	86	7/93 RFO	C/L Special Int			0.89	10TH TSP	+22.54
10	87	7/93 RFO	H/L Tubesheet			2.75	TTS-HL	-4.30
10	88	7/93 RFO	Bobbin			0.39	11TH TSP	+28.46
		7/93 RFO	C/L Special Int			0.66	10TH TSP	-15.15
10	89	7/93 RFO	Bobbin			0.45	15TH TSP	+2.36
		7/93 RFO	C/L Special Int			0.84	15TH TSP	+2.36
10	91	7/93 RFO	Bobbin		21	1.70	9TH TSP	+11.85
		7/93 RFO	Bobbin		1	1.34	10TH TSP	+31.49
		7/93 RFO	C/L Special Int			1.44	9TH TSP	-12.36
10	101	7/93 RFO	H/L Tubesheet			1.48	TTS-HL	-0.35
10	104	7/93 RFO	H/L Tubesheet			1.49	TTS-HL	+0.06
11	10	7/93 RFO	C/L Special Int			0.56	20TH TSP	+3.59



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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
11	21	7/93 RFO	C/L Special Int	VOL		0.87	14TH TSP	+6.24
		7/93 RFO	C/L Special Int	VOL		0.94	12TH TSP	-3.98
11	25	7/93 RFO	C/L Special Int	VOL		1.45	14TH TSP	+7.27
11	34	7/93 RFO	C/L Special Int	VOL		0.45	11TH TSP	+7.41
11	40	7/93 RFO	Bobbin	ODI	26	8.10	12TH TSP	+14.58
		7/93 RFO	C/L Special Int	VOL		1.10	12TH TSP	+12.61
11	45	7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	+14.98
11	59	7/93 RFO	C/L Special Int	VOL		0.48	11TH TSP	+27.67
		7/93 RFO	C/L Special Int	VOL		1.00	11TH TSP	+25.56
11	61	7/93 RFO	H/L Tubesheet	SAI		3.35	TTS-HL	-5.59
11	62	7/93 RFO	Bobbin	IDI	40	5.05	TE-HL	+16.93
		7/93 RFO	H/L Tubesheet	MAI		2.18	TTS-HL	-5.62
11	63	7/93 RFO	H/L Tubesheet	SAI		0.64	TTS-HL	+0.05
11	64	7/93 RFO	H/L Tubesheet	SAI		1.35	TTS-HL	-5.64
11	78	7/93 RFO	C/L Special Int	VOL		0.85	18TH TSP	+11.26
11	79	7/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	+4.18
11	92	7/93 RFO	H/L Tubesheet	SAI		1.68	TTS-HL	-0.18
11	94	7/93 RFO	Bobbin	IDI	40	1.63	TE-HL	+6.44
		7/93 RFO	H/L Special Int	MAI		1.45	TE-HL	+6.54
11	107	7/93 RFO	Bobbin	ADI		5.48	TTS-CL	+1.78
		7/93 RFO	C/L Special Int	VOL		1.19	TTS-CL	+1.78
12	14	7/93 RFO	Bobbin	NQI		0.59	6TH TSP	+15.13
12	34	7/93 RFO	C/L Special Int	VOL		0.86	17TH TSP	-6.50
12	37	7/93 RFO	C/L Special Int	VOL		1.33	16TH TSP	+6.23
12	61	7/93 RFO	C/L Special Int	VOL		0.69	13TH TSP	+3.11
12	88	7/93 RFO	Bobbin	IDI	40	1.84	TE-HL	+16.78
		7/93 RFO	H/L Tubesheet	SAI		3.09	TTS-HL	-5.41
		7/93 RFO	H/L Special Int	SAI		3.22	TTS-HL	-4.33
12	94	7/93 RFO	C/L Special Int	VOL		0.41	21ST TSP	+0.90
		7/93 RFO	C/L Special Int	VOL		0.48	20TH TSP	+4.26
12	108	7/93 RFO	Bobbin	ODI	15	3.11	20TH TSP	+5.02
12	110	7/93 RFO	C/L Special Int	VOL		0.75	16TH TSP	+10.00
		7/93 RFO	C/L Special Int	VOL		0.83	17TH TSP	+9.37
13	4	7/93 RFO	H/L Special Int	VOL		0.27	6TH TSP	-29.22
		7/93 RFO	H/L Special Int	VOL		0.38	6TH TSP	-27.17
		7/93 RFO	H/L Special Int	VOL		0.78	6TH TSP	-7.51
		7/93 RFO	H/L Special Int	VOL		1.17	6TH TSP	-30.11
		7/93 RFO	H/L Special Int	VOL		1.19	6TH TSP	-14.57
13	7	7/93 RFO	C/L Special Int	VOL		0.21	17TH TSP	-4.67
13	14	7/93 RFO	C/L Special Int	VOL		0.56	10TH TSP	+11.23
13	16	7/93 RFO	Bobbin	ADI		3.01	5TH TSP	+7.69 to +10.39
13	27	7/93 RFO	C/L Special Int	VOL		0.26	13TH TSP	+5.77
		7/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+10.71
13	28	7/93 RFO	C/L Special Int	VOL		0.43	12TH TSP	+7.85
13	41	7/93 RFO	Bobbin	ADI		13.64	4AVB	+2.36
13	64	7/93 RFO	Bobbin	IDI	40	7.81	TE-HL	+15.93
13	66	7/93 RFO	C/L Special Int	VOL		0.51	12TH TSP	+5.83
13	93	7/93 RFO	Bobbin	IDI	40	4.33	TE-HL	+13.48
		7/93 RFO	Bobbin	IDI	40	14.12	TE-HL	+17.05
		7/93 RFO	H/L Tubesheet	MAI		2.95	TTS-HL	-4.01
13	96	7/93 RFO	C/L Special Int	VOL		0.36	11TH TSP	+24.00
14	7	7/93 RFO	C/L Special Int	VOL		0.79	9TH TSP	-3.44
14	9	7/93 RFO	C/L Special Int	VOL		0.90	11TH TSP	-10.97
14	21	7/93 RFO	C/L Special Int	VOL		0.64	11TH TSP	+20.89
14	31	7/93 RFO	C/L Special Int	VOL		0.87	12TH TSP	+25.97
14	44	7/93 RFO	C/L Special Int	VOL		0.17	21ST TSP	-5.43
14	53	7/93 RFO	Bobbin	ADI		4.18	22ND TSP	+10.68
		7/93 RFO	C/L Special Int	VOL		0.86	22ND TSP	+4.72
		7/93 RFO	C/L Special Int	VOL		1.46	22ND TSP	+10.68
14	75	7/93 RFO	Bobbin	IDI	40	2.14	TE-HL	+10.17
		7/93 RFO	C/L Special Int	VOL		0.83	TTS-CL	+4.49
14	86	7/93 RFO	C/L Special Int	VOL		0.37	10TH TSP	-15.79
14	101	7/93 RFO	H/L Tubesheet	SAI		4.62	TTS-HL	-2.91
15	3	7/93 RFO	Bobbin	NQI		0.78	11TH TSP	+18.00
		7/93 RFO	C/L Special Int	VOL		0.60	11TH TSP	+16.51

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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
15	19	7/93 RFO	Bobbin	ODI	4	1.10	18TH TSP	+9.67
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+9.67
15	49	7/93 RFO	Bobbin	NQI		0.75	19TH TSP	+1.33
15	53	7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+17.01
15	55	7/93 RFO	Bobbin	ADI		7.12	7TH TSP	+15.16
		7/93 RFO	H/L Special Int	VOL		1.22	7TH TSP	+14.96
15	64	7/93 RFO	Bobbin	NQI		0.51	10TH TSP	+12.28
		7/93 RFO	Bobbin	ODI	18	0.49	10TH TSP	+17.03
		7/93 RFO	Bobbin	ODI	18	0.75	10TH TSP	+10.22
		7/93 RFO	Bobbin	ODI	18	0.93	10TH TSP	+27.15
		7/93 RFO	C/L Special Int	VOL		0.17	10TH TSP	+29.93
		7/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+17.03
		7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	+15.27
		7/93 RFO	C/L Special Int	VOL		0.48	10TH TSP	+10.22
		7/93 RFO	C/L Special Int	VOL		0.70	10TH TSP	+27.15
		7/93 RFO	C/L Special Int	VOL		0.71	10TH TSP	+12.28
15	68	7/93 RFO	C/L Special Int	VOL		0.36	22ND TSP	+16.85
15	91	7/93 RFO	Bobbin	IDI	40	2.37	TE-HL	+4.83
15	92	7/93 RFO	Bobbin	ODI	21	1.48	12TH TSP	+37.90
		7/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+37.90
15	95	7/93 RFO	Bobbin	ODI	20	0.93	18TH TSP	+6.68
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+6.68
15	110	7/93 RFO	H/L Tubesheet	MAI		0.35	TTS-HL	-4.42
16	54	7/93 RFO	Bobbin	ODI	1	1.75	11TH TSP	+24.25
		7/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	+5.73
		7/93 RFO	C/L Special Int	VOL		0.99	11TH TSP	+24.25
16	57	7/93 RFO	C/L Special Int	VOL		0.89	17TH TSP	-0.37
16	62	7/93 RFO	Bobbin	ADI		3.97	1ST TSP	+9.08
		7/93 RFO	Bobbin	ADI		8.55	1ST TSP	+6.75
		7/93 RFO	H/L Special Int	VOL		0.96	1ST TSP	+9.35
		7/93 RFO	H/L Special Int	VOL		1.54	1ST TSP	+6.56
16	71	7/93 RFO	C/L Special Int	VOL		0.49	14TH TSP	+8.81
16	80	7/93 RFO	Bobbin	NQI		1.47	3RD TSP	+0.05
16	92	7/93 RFO	Bobbin	IDI	40	7.56	TE-HL	+15.28
		7/93 RFO	Bobbin	IDI	40	15.81	TE-HL	+8.29
16	110	7/93 RFO	Bobbin	IDI	40	2.40	TE-HL	+5.33
17	5	7/93 RFO	Bobbin	NQI		0.49	5TH TSP	+5.54
		7/93 RFO	Bobbin	NQI		0.77	5TH TSP	+23.17
		7/93 RFO	H/L Special Int	VOL		0.38	5TH TSP	+5.54
		7/93 RFO	H/L Special Int	VOL		0.48	5TH TSP	+23.13
17	9	7/93 RFO	C/L Special Int	VOL		0.25	18TH TSP	+3.84
17	14	7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+22.56
17	23	7/93 RFO	C/L Special Int	VOL		1.01	10TH TSP	+10.92
17	39	7/93 RFO	Bobbin	ODI	2	1.08	20TH TSP	+1.06
		7/93 RFO	C/L Special Int	VOL		0.22	20TH TSP	+1.25
17	53	7/93 RFO	C/L Special Int	VOL		1.73	TTS-CL	+2.45
17	66	7/93 RFO	Bobbin	ODI	87	0.75	13TH TSP	+9.79
17	75	7/93 RFO	C/L Special Int	VOL		0.46	19TH TSP	+1.25
17	77	7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+26.61
17	83	7/93 RFO	C/L Special Int	VOL		1.01	14TH TSP	+7.84
17	89	7/93 RFO	Bobbin	ODI	21	1.10	3RD TSP	+21.21
		7/93 RFO	H/L Special Int	VOL		0.99	3RD TSP	+21.37
17	100	7/93 RFO	Bobbin	ADI		6.82	4TH TSP	+7.46
		7/93 RFO	H/L Special Int	VOL		0.98	4TH TSP	+7.58
17	102	7/93 RFO	Bobbin	ADI		5.49	13TH TSP	+19.17
		7/93 RFO	Bobbin	ADI		6.03	22ND TSP	+5.27
		7/93 RFO	Bobbin	ADI		6.56	13TH TSP	+3.26
		7/93 RFO	Bobbin	NQI		1.03	18TH TSP	+7.68
		7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+7.68
		7/93 RFO	C/L Special Int	VOL		0.48	13TH TSP	+3.26
		7/93 RFO	C/L Special Int	VOL		0.57	13TH TSP	+19.17
		7/93 RFO	C/L Special Int	VOL		1.16	22ND TSP	+5.24
17	109	7/93 RFO	H/L Tubesheet	VOL		1.21	TTS-HL	-4.01
18	13	7/93 RFO	Bobbin	ADI		5.26	9TH TSP	+17.60
		7/93 RFO	Bobbin	ADI		4.85	10TH TSP	+26.80

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
18	15	7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+26.96
		7/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+1.37
		7/93 RFO	C/L Special Int	VOL		0.69	11TH TSP	+1.75
18	23	7/93 RFO	C/L Special Int	VOL		0.41	20TH TSP	+2.63
18	25	7/93 RFO	Bobbin	IDI	40	0.87	TE-HL	+14.94
18	36	7/93 RFO	Bobbin	NQI		0.75	3RD TSP	+37.24
		7/93 RFO	H/L Special Int	VOL		1.18	4TH TSP	-6.77
18	43	7/93 RFO	H/L Tubesheet	SAI		0.74	TTS-HL	+0.00
18	55	7/93 RFO	Bobbin	ODI	14	0.87	7TH TSP	+23.49
		7/93 RFO	H/L Special Int	VOL		0.51	7TH TSP	+23.91
		7/93 RFO	C/L Special Int	VOL		0.30	17TH TSP	-2.97
18	70	7/93 RFO	Bobbin	ADI		3.12	2ND TSP	+10.17
		7/93 RFO	Bobbin	ODI	16	0.71	19TH TSP	+1.65
		7/93 RFO	H/L Special Int	VOL		0.33	2ND TSP	+9.99
18	75	7/93 RFO	Bobbin	IDI	40	4.20	TE-HL	+6.43
18	89	7/93 RFO	Bobbin	IDI	40	2.43	TE-HL	+4.52
18	99	7/93 RFO	C/L Special Int	VOL		0.44	19TH TSP	+5.63
18	101	7/93 RFO	Bobbin	ADI		3.48	5TH TSP	+23.64
		7/93 RFO	H/L Special Int	VOL		0.73	5TH TSP	+25.16
18	104	7/93 RFO	Bobbin	ODI	32	1.50	3RD TSP	+16.85
		7/93 RFO	H/L Special Int	VOL		0.98	3RD TSP	+16.82
19	39	7/93 RFO	Bobbin	NQI		0.36	2ND TSP	+5.37
		7/93 RFO	Bobbin	NQI		0.37	2ND TSP	+5.44
		7/93 RFO	H/L Special Int	VOL		1.36	2ND TSP	+5.49
19	40	7/93 RFO	Bobbin	ODI	16	0.79	6TH TSP	+29.45
		7/93 RFO	Bobbin	ODI	27	0.65	7TH TSP	+29.67
		7/93 RFO	Bobbin	ODI	34	0.56	6TH TSP	+26.92
		7/93 RFO	H/L Special Int	VOL		0.61	6TH TSP	+26.82
		7/93 RFO	H/L Special Int	VOL		0.70	6TH TSP	+29.20
		7/93 RFO	H/L Special Int	VOL		0.85	7TH TSP	+28.69
19	41	7/93 RFO	Bobbin	NQI		0.68	7TH TSP	+21.48
		7/93 RFO	H/L Special Int	VOL		0.27	7TH TSP	+21.28
19	49	7/93 RFO	C/L Special Int	VOL		0.26	18TH TSP	+8.84
19	57	7/93 RFO	Bobbin	NQI		0.58	9TH TSP	+15.24
19	70	7/93 RFO	C/L Special Int	VOL		0.24	12TH TSP	+14.40
		7/93 RFO	C/L Special Int	VOL		0.25	13TH TSP	+17.63
		7/93 RFO	C/L Special Int	VOL		0.26	13TH TSP	+10.34
		7/93 RFO	C/L Special Int	VOL		0.27	14TH TSP	+7.29
		7/93 RFO	C/L Special Int	VOL		0.29	13TH TSP	+6.73
		7/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+15.86
		7/93 RFO	C/L Special Int	VOL		0.31	13TH TSP	+19.82
		7/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	+12.49
		7/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+1.41
		7/93 RFO	C/L Special Int	VOL		0.59	13TH TSP	-0.69
		7/93 RFO	C/L Special Int	VOL		0.71	13TH TSP	+12.38
19	77	7/93 RFO	Bobbin	ADI		3.52	7TH TSP	+8.06
		7/93 RFO	H/L Special Int	VOL		0.48	7TH TSP	+7.65
19	82	7/93 RFO	Bobbin	IDI	40	8.23	TE-HL	+3.69
		7/93 RFO	H/L Special Int	MAI		7.29	TE-HL	+3.69
19	91	7/93 RFO	H/L Tubesheet	SAI		0.59	TTS-HL	+0.00
20	9	7/93 RFO	Bobbin	NQI		0.66	13TH TSP	+12.22
		7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+12.47
20	12	7/93 RFO	Bobbin	ADI		5.19	11TH TSP	+17.48
		7/93 RFO	C/L Special Int	VOL		0.65	11TH TSP	+17.25
20	60	7/93 RFO	Bobbin	ADI		7.56	7TH TSP	+31.12
		7/93 RFO	Bobbin	ODI	30	0.92	5TH TSP	+31.12
		7/93 RFO	H/L Special Int	VOL		0.58	6TH TSP	-12.88
		7/93 RFO	H/L Special Int	VOL		1.35	8TH TSP	-13.35
		7/93 RFO	C/L Special Int	VOL		0.41	14TH TSP	+7.07
20	76	7/93 RFO	Bobbin	ODI	6	0.82	12TH TSP	+2.25
		7/93 RFO	C/L Special Int	VOL		0.47	10TH TSP	+9.66
		7/93 RFO	C/L Special Int	VOL		0.80	12TH TSP	+2.25
20	87	7/93 RFO	H/L Tubesheet	SAI		0.71	TTS-HL	+0.03
20	89	7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+5.38
20	102	7/93 RFO	C/L Special Int	VOL		0.35	19TH TSP	+5.71

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
21	6	7/93 RFO	C/L Special Int VOL			0.76	10TH TSP	+12.93
21	9	7/93 RFO	Bobbin ADI			3.32	7TH TSP	+25.13
		7/93 RFO	H/L Special Int VOL			0.75	7TH TSP	+24.93
		7/93 RFO	C/L Special Int VOL			0.21	21ST TSP	+6.41
21	10	7/93 RFO	C/L Special Int VOL			0.49	10TH TSP	+23.18
		7/93 RFO	C/L Special Int VOL			0.11	20TH TSP	+5.16
21	22	7/93 RFO	C/L Special Int VOL			0.16	20TH TSP	+3.53
		7/93 RFO	C/L Special Int VOL			0.21	21ST TSP	+2.78
		7/93 RFO	C/L Special Int VOL			0.45	21ST TSP	+5.18
21	41	7/93 RFO	Bobbin WAR	13		0.89	3AVB	+0.14
21	56	7/93 RFO	Bobbin IDI	40		17.75	TE-HL	+0.48
		7/93 RFO	C/L Special Int VOL			0.26	12TH TSP	-6.61
21	61	7/93 RFO	C/L Special Int VOL			0.94	11TH TSP	-6.83
21	65	7/93 RFO	C/L Special Int VOL			0.54	22ND TSP	+9.78
21	86	7/93 RFO	Bobbin NQI			0.66	11TH TSP	+17.42
		7/93 RFO	C/L Special Int VOL			0.23	11TH TSP	+17.42
21	99	7/93 RFO	C/L Special Int VOL			0.57	11TH TSP	+5.37 to +10.75
22	44	7/93 RFO	Bobbin ODI	16		3.06	9TH TSP	-9.65
		7/93 RFO	Bobbin ODI	20		1.95	10TH TSP	+34.31
		7/93 RFO	C/L Special Int VOL			1.54	9TH TSP	-9.41
22	52	7/93 RFO	Bobbin NQI			0.49	12TH TSP	+40.63
		7/93 RFO	C/L Special Int VOL			0.27	16TH TSP	+6.17
		7/93 RFO	C/L Special Int VOL			0.31	12TH TSP	+11.58
22	60	7/93 RFO	C/L Special Int VOL			0.46	10TH TSP	-13.19
22	94	7/93 RFO	C/L Special Int VOL			0.36	13TH TSP	+3.96 to +13.64
22	99	7/93 RFO	Bobbin ODI	14		2.65	2ND TSP	+4.55
		7/93 RFO	Bobbin ODI	25		1.07	7TH TSP	+37.13
		7/93 RFO	H/L Special Int VOL			0.79	8TH TSP	-7.97
		7/93 RFO	H/L Special Int VOL			2.11	2ND TSP	+5.00
23	10	7/93 RFO	C/L Special Int VOL			0.37	11TH TSP	+8.21
		7/93 RFO	C/L Special Int VOL			0.39	11TH TSP	+11.41
23	31	7/93 RFO	Bobbin ODI	32		1.10	22ND TSP	+16.45
		7/93 RFO	C/L Special Int VOL			0.35	22ND TSP	+10.25
		7/93 RFO	C/L Special Int VOL			1.16	22ND TSP	+16.89
23	36	7/93 RFO	Bobbin NQI			0.82	7TH TSP	+42.52
		7/93 RFO	H/L Special Int VOL			0.77	8TH TSP	-2.04
23	55	7/93 RFO	C/L Special Int VOL			0.42	11TH TSP	+27.54
		7/93 RFO	C/L Special Int VOL			0.85	15TH TSP	+2.40
23	56	7/93 RFO	C/L Special Int VOL			0.50	13TH TSP	+14.05
23	89	7/93 RFO	C/L Special Int VOL			0.46	TTS-CL	+5.82
		7/93 RFO	C/L Special Int VOL			0.45	10TH TSP	+16.96
23	101	7/93 RFO	C/L Special Int VOL			0.16	18TH TSP	+10.77
23	104	7/93 RFO	Bobbin IDI	40		7.20	TE-HL	+1.27
		7/93 RFO	H/L Special Int MAI			0.47	TE-HL	+1.83
24	20	7/93 RFO	Bobbin NQI			0.37	1ST TSP	+11.44
		7/93 RFO	Bobbin NQI			0.46	1ST TSP	+11.27
		7/93 RFO	H/L Special Int VOL			0.46	1ST TSP	+11.44
24	28	7/93 RFO	C/L Special Int VOL			0.39	18TH TSP	+7.36
24	60	7/93 RFO	C/L Special Int VOL			0.62	12TH TSP	+3.57
24	72	7/93 RFO	Bobbin ADI			5.37	5TH TSP	+4.17
		7/93 RFO	H/L Special Int VOL			0.75	5TH TSP	+3.75
24	100	7/93 RFO	C/L Special Int VOL			1.78	11TH TSP	+5.17
24	107	7/93 RFO	C/L Special Int VOL			0.64	11TH TSP	-10.20
25	42	7/93 RFO	Bobbin ADI			3.73	7TH TSP	+4.19
		7/93 RFO	H/L Special Int VOL			0.48	7TH TSP	+3.93
25	44	7/93 RFO	C/L Special Int VOL			0.38	11TH TSP	+18.19
25	47	7/93 RFO	C/L Special Int VOL			0.70	12TH TSP	+19.19
25	51	7/93 RFO	C/L Special Int VOL			0.71	TTS-CL	+3.18
25	53	7/93 RFO	Bobbin ADI			5.40	6TH TSP	+14.31
		7/93 RFO	H/L Special Int VOL			1.03	6TH TSP	+14.07
25	65	7/93 RFO	Bobbin ADI			0.56	3RD TSP	+29.49
		7/93 RFO	H/L Special Int VOL			0.59	4TH TSP	-14.62
25	67	7/93 RFO	Bobbin ODI	10		0.63	4TH TSP	+8.51
		7/93 RFO	H/L Special Int VOL			0.62	4TH TSP	+8.55
25	69	7/93 RFO	Bobbin ADI			2.99	3RD TSP	+41.06

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin			0.95	3RD TSP	+38.49
		7/93 RFO	Bobbin		5	0.49	5TH TSP	+23.78
		7/93 RFO	Bobbin		13	0.61	3RD TSP	+5.90
		7/93 RFO	H/L Special Int			0.31	3RD TSP	+40.72
		7/93 RFO	H/L Special Int			0.31	5TH TSP	+23.22
		7/93 RFO	H/L Special Int			0.42	3RD TSP	+6.20
		7/93 RFO	H/L Special Int			0.57	3RD TSP	+38.60
25	70	7/93 RFO	C/L Special Int			0.14	20TH TSP	+1.19
		7/93 RFO	C/L Special Int			0.28	20TH TSP	+4.49
		7/93 RFO	C/L Special Int			0.33	20TH TSP	+3.22
25	76	7/93 RFO	C/L Special Int			0.44	10TH TSP	+2.58
25	78	7/93 RFO	Bobbin		29	0.79	4TH TSP	+11.49
		7/93 RFO	H/L Special Int			0.83	4TH TSP	+11.73
26	10	7/93 RFO	C/L Special Int			0.25	12TH TSP	+24.78
		7/93 RFO	C/L Special Int			0.38	12TH TSP	+23.09
26	12	7/93 RFO	Bobbin		26	0.42	5TH TSP	+0.00
26	51	7/93 RFO	Bobbin			3.80	19TH TSP	+4.50
		7/93 RFO	C/L Special Int			0.49	19TH TSP	+4.51
26	61	7/93 RFO	Bobbin		40	6.93	TE-HL	+13.11
26	64	7/93 RFO	C/L Special Int			0.57	10TH TSP	+8.34
26	69	7/93 RFO	C/L Special Int			0.39	16TH TSP	+2.95
26	78	7/93 RFO	C/L Special Int			0.14	13TH TSP	+12.14
26	84	7/93 RFO	Bobbin		13	0.79	1AVB	+0.00
26	86	7/93 RFO	Bobbin			3.24	19TH TSP	+4.19
		7/93 RFO	C/L Special Int			0.56	19TH TSP	+3.43
26	87	7/93 RFO	Bobbin			0.90	3RD TSP	+19.39
		7/93 RFO	H/L Special Int			1.25	3RD TSP	+20.37
26	89	7/93 RFO	C/L Special Int			0.46	19TH TSP	+1.27
27	22	7/93 RFO	C/L Special Int			0.51	11TH TSP	+0.85
		7/93 RFO	C/L Special Int			0.56	11TH TSP	+2.67
27	41	7/93 RFO	C/L Special Int			0.55	13TH TSP	+6.93
27	58	7/93 RFO	Bobbin			1.00	7TH TSP	+34.11
		7/93 RFO	H/L Special Int			1.10	8TH TSP	-9.82
27	71	7/93 RFO	Bobbin		40	11.92	TE-HL	+18.12
		7/93 RFO	H/L Tubesheet			4.43	TTS-HL	-3.10
27	75	7/93 RFO	Bobbin			1.45	3RD TSP	+10.48
27	76	7/93 RFO	Bobbin		17	0.79	11TH TSP	+28.38
		7/93 RFO	C/L Special Int			0.43	11TH TSP	+24.91
27	78	7/93 RFO	Bobbin		8	0.94	1ST TSP	+12.92
		7/93 RFO	H/L Special Int			0.54	1ST TSP	+13.03
27	83	7/93 RFO	Bobbin			0.65	4TH TSP	+11.57
		7/93 RFO	H/L Special Int			0.35	4TH TSP	+12.08
		7/93 RFO	C/L Special Int			0.29	16TH TSP	+5.03
27	86	7/93 RFO	C/L Special Int			0.46	15TH TSP	+3.18
27	95	7/93 RFO	H/L Tubesheet			1.12	TTS-HL	-0.12
27	98	7/93 RFO	Bobbin			9.72	20TH TSP	+1.98
		7/93 RFO	C/L Special Int			0.23	20TH TSP	+1.54
27	101	7/93 RFO	Bobbin			0.64	10TH TSP	-0.07
28	10	7/93 RFO	C/L Special Int			0.56	12TH TSP	+16.31
28	21	7/93 RFO	C/L Special Int			0.19	21ST TSP	+5.45
		7/93 RFO	C/L Special Int			0.29	18TH TSP	+4.56
		7/93 RFO	C/L Special Int			0.53	22ND TSP	+10.95
28	35	7/93 RFO	Bobbin		40	5.45	TE-HL	+2.92
28	50	7/93 RFO	C/L Special Int			0.69	10TH TSP	-3.20
28	57	7/93 RFO	C/L Special Int			1.45	22ND TSP	+3.10
28	58	7/93 RFO	C/L Special Int			0.38	11TH TSP	-8.56
28	62	7/93 RFO	C/L Special Int			0.62	13TH TSP	-1.98
28	70	7/93 RFO	Bobbin		40	10.60	TE-HL	+17.18
		7/93 RFO	H/L Tubesheet			4.26	TTS-HL	-4.16
28	75	7/93 RFO	Bobbin		5	0.71	10TH TSP	+7.35
		7/93 RFO	C/L Special Int			0.20	10TH TSP	+12.03
		7/93 RFO	C/L Special Int			0.36	10TH TSP	+6.73
28	90	7/93 RFO	C/L Special Int			0.50	17TH TSP	-2.42
28	91	7/93 RFO	Bobbin		4	0.61	17TH TSP	+0.00
28	92	7/93 RFO	H/L Tubesheet			0.31	TTS-HL	+0.22

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Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
28	101	7/93 RFO	Bobbin	ADI		2.34	11TH TSP	+32.50
		7/93 RFO	C/L Special Int	VOL		0.52	10TH TSP	-11.41
29	17	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+6.70
29	26	7/93 RFO	C/L Special Int	VOL		0.56	9TH TSP	-5.37
29	39	7/93 RFO	C/L Special Int	VOL		1.20	10TH TSP	+21.81
29	40	7/93 RFO	C/L Special Int	VOL		0.37	10TH TSP	+15.31
		7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+9.44
		7/93 RFO	C/L Special Int	VOL		0.46	10TH TSP	+11.84
29	59	7/93 RFO	Bobbin	ODI	13	0.90	18TH TSP	+5.21
		7/93 RFO	C/L Special Int	VOL		0.57	18TH TSP	+4.13
29	66	7/93 RFO	C/L Special Int	VOL		0.29	18TH TSP	+7.73
29	69	7/93 RFO	Bobbin	NQI		0.45	4TH TSP	+21.17
		7/93 RFO	H/L Special Int	VOL		0.54	4TH TSP	+20.99
29	72	7/93 RFO	Bobbin	NQI		0.84	3RD TSP	+29.34
		7/93 RFO	H/L Special Int	VOL		0.53	4TH TSP	-14.75
29	73	7/93 RFO	Bobbin	ODI	7	0.78	4TH TSP	+10.36
		7/93 RFO	H/L Special Int	VOL		0.59	4TH TSP	+10.31
29	76	7/93 RFO	Bobbin	IDI	40	7.73	TE-HL	+15.86
		7/93 RFO	Bobbin	IDI	40	11.26	TE-HL	+10.33
29	82	7/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	-9.47
29	103	7/93 RFO	Bobbin	IDI	40	17.70	TE-HL	+18.12
		7/93 RFO	H/L Tubesheet	MAI		2.55	TTS-HL	-3.15
30	15	7/93 RFO	Bobbin	ADI		3.50	10TH TSP	+41.96
		7/93 RFO	C/L Special Int	VOL		0.70	9TH TSP	-2.18
30	21	7/93 RFO	C/L Special Int	VOL		0.34	10TH TSP	+10.50
30	26	7/93 RFO	C/L Special Int	VOL		0.37	15TH TSP	+8.97
		7/93 RFO	C/L Special Int	VOL		1.46	14TH TSP	+4.58
30	43	7/93 RFO	C/L Special Int	VOL		0.32	16TH TSP	-4.22
30	51	7/93 RFO	Bobbin	ADI		2.77	5TH TSP	+39.64
30	60	7/93 RFO	Bobbin	ODI	17	0.52	3RD TSP	+4.22
		7/93 RFO	H/L Special Int	VOL		0.32	3RD TSP	+4.17
30	66	7/93 RFO	Bobbin	ODI	12	1.06	7TH TSP	+23.97
30	78	7/93 RFO	H/L Tubesheet	SAI		1.77	TTS-HL	-3.16
30	88	7/93 RFO	Bobbin	IDI	40	13.37	TE-HL	+18.05
		7/93 RFO	H/L Tubesheet	MAI		2.15	TTS-HL	-3.01
30	98	7/93 RFO	H/L Tubesheet	SAI		1.25	TTS-HL	+0.12
31	16	7/93 RFO	C/L Special Int	VOL		0.73	10TH TSP	-2.29
31	34	7/93 RFO	Bobbin	ADI		3.83	10TH TSP	+3.74
		7/93 RFO	C/L Special Int	VOL		0.84	10TH TSP	+3.76
31	38	7/93 RFO	Bobbin	WAR	20	1.29	3AVB	+0.00
31	42	7/93 RFO	C/L Special Int	VOL		0.78	18TH TSP	+5.14
31	49	7/93 RFO	H/L Special Int	VOL		1.63	6TH TSP	+13.44
31	79	7/93 RFO	C/L Special Int	VOL		0.18	10TH TSP	+16.08
		7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+3.40
31	91	7/93 RFO	Bobbin	ODI	7	1.96	4TH TSP	+16.84
		7/93 RFO	H/L Special Int	VOL		1.55	4TH TSP	+16.63
31	101	7/93 RFO	U-Bend	VOL		0.46	3AVB	+9.93
		7/93 RFO	Bobbin	ADI		10.46	3AVB	-9.59
31	102	7/93 RFO	C/L Special Int	VOL		0.91	11TH TSP	-16.22
32	12	7/93 RFO	Bobbin	ADI		3.36	6TH TSP	+25.52
		7/93 RFO	H/L Special Int	VOL		0.41	6TH TSP	+25.53
32	17	7/93 RFO	C/L Special Int	VOL		0.66	12TH TSP	+6.61
32	26	7/93 RFO	C/L Special Int	VOL		0.39	13TH TSP	+12.65
		7/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	+13.58
32	28	7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+9.18
32	46	7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	+23.86
		7/93 RFO	C/L Special Int	VOL		0.67	10TH TSP	+5.48
		7/93 RFO	C/L Special Int	VOL		0.91	10TH TSP	+9.31
32	59	7/93 RFO	H/L Tubesheet	MAI		3.95	TTS-HL	-4.71
32	65	7/93 RFO	Bobbin	ADI		3.51	11TH TSP	+37.01
		7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-7.35
32	83	7/93 RFO	Bobbin	ADI		7.51	12TH TSP	+20.79
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+19.62
32	99	7/93 RFO	Bobbin	IDI	40	2.04	TE-HL	+10.76
		7/93 RFO	H/L Special Int	MAI		2.08	TE-HL	+10.84

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1		
33	12	7/93 RFO	C/L Special Int VOL			0.51	11TH TSP	+39.86	11TH TSP	
33	13	7/93 RFO	C/L Special Int VOL			0.62	12TH TSP	+27.56	12TH TSP	
33	14	7/93 RFO	C/L Special Int VOL			1.19	13TH TSP	+4.17	13TH TSP	
33	21	7/93 RFO	C/L Special Int VOL			0.84	22ND TSP	+10.75	22ND TSP	
33	33	7/93 RFO	C/L Special Int VOL			0.40	11TH TSP	+9.00	11TH TSP	
33	38	7/93 RFO	C/L Special Int VOL			0.69	10TH TSP	+15.76	10TH TSP	
33	45	7/93 RFO	C/L Special Int VOL			0.55	22ND TSP	+12.07	22ND TSP	
33	59	7/93 RFO	Bobbin			4.77	11TH TSP	+1.21	9TH TSP	
		7/93 RFO	Bobbin			8.39	10TH TSP	+20.29	9TH TSP	
		7/93 RFO	C/L Special Int VOL			1.03	10TH TSP	+19.01	10TH TSP	
		7/93 RFO	C/L Special Int VOL			2.47	11TH TSP	+0.75	11TH TSP	
33	79	7/93 RFO	Bobbin			6.78	7TH TSP	+32.07	9TH TSP	
		7/93 RFO	Bobbin			1.96	7TH TSP	+27.15	9TH TSP	
		7/93 RFO	H/L Special Int VOL		2	0.56	8TH TSP	-12.30	8TH TSP	
		7/93 RFO	H/L Special Int VOL			0.62	8TH TSP	-8.95	8TH TSP	
		7/93 RFO	H/L Special Int VOL			0.77	8TH TSP	-16.78	8TH TSP	
33	87	7/93 RFO	C/L Special Int VOL			0.51	12TH TSP	-8.85	12TH TSP	
33	88	7/93 RFO	Bobbin		6	1.98	1ST TSP	+14.68	9TH TSP	
		7/93 RFO	H/L Special Int VOL			0.87	1ST TSP	+15.01	2ND TSP	
33	93	7/93 RFO	C/L Special Int VOL			0.52	10TH TSP	+7.79	10TH TSP	
33	97	7/93 RFO	H/L Tubesheet	SAI		0.65	TTS-HL	+0.15	TTS-HL	
34	17	7/93 RFO	C/L Special Int VOL			0.62	10TH TSP	+8.72	10TH TSP	
34	27	7/93 RFO	Bobbin		WAR	21	1.60	3AVB	+0.00	9TH TSP
34	33	7/93 RFO	Bobbin		ODI	19	2.71	2ND TSP	+14.14	9TH TSP
		7/93 RFO	H/L Special Int VOL			1.07	2ND TSP	+14.26	2ND TSP	
34	36	7/93 RFO	Bobbin		ADI		3.86	22ND TSP	+12.52	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.18	22ND TSP	+12.20	22ND TSP	
34	40	7/93 RFO	C/L Special Int VOL			0.40	13TH TSP	+1.99	13TH TSP	
34	44	7/93 RFO	Bobbin		NQI		0.80	4AVB	-19.47	9TH TSP
		7/93 RFO	U-Bend		VOL		0.65	9TH TSP	+5.40	3AVB
		7/93 RFO	Bobbin		NQI		0.71	9TH TSP	+5.12	9TH TSP
34	46	7/93 RFO	Bobbin		NQI		1.28	3AVB	-5.90	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.98	22ND TSP	+13.74	22ND TSP	
		7/93 RFO	C/L Special Int VOL			1.53	21ST TSP	-6.45	21ST TSP	
34	63	7/93 RFO	Bobbin		ADI		2.14	12TH TSP	+36.41	9TH TSP
		7/93 RFO	Bobbin		ADI		3.34	12TH TSP	+31.05	9TH TSP
		7/93 RFO	Bobbin		ADI		4.89	11TH TSP	+2.40	9TH TSP
		7/93 RFO	Bobbin		ADI		4.93	11TH TSP	+5.33	9TH TSP
		7/93 RFO	Bobbin		ADI		5.22	13TH TSP	+13.87	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.15	11TH TSP	-7.70	11TH TSP	
		7/93 RFO	C/L Special Int VOL			0.24	11TH TSP	-12.98	11TH TSP	
		7/93 RFO	C/L Special Int VOL			0.72	11TH TSP	+2.01	11TH TSP	
		7/93 RFO	C/L Special Int VOL			0.89	13TH TSP	+13.22	13TH TSP	
		7/93 RFO	C/L Special Int VOL			0.93	11TH TSP	+4.99	11TH TSP	
34	70	7/93 RFO	Bobbin		ADI		3.95	13TH TSP	+6.45	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.60	13TH TSP	+6.37	13TH TSP	
34	78	7/93 RFO	C/L Special Int VOL			0.34	10TH TSP	+15.01	10TH TSP	
34	79	7/93 RFO	C/L Special Int VOL			0.27	9TH TSP	-6.84	9TH TSP	
34	80	7/93 RFO	C/L Special Int VOL			0.48	11TH TSP	+27.93	11TH TSP	
34	94	7/93 RFO	Bobbin		ADI		3.29	12TH TSP	+39.46	9TH TSP
34	102	7/93 RFO	C/L Special Int VOL			0.44	12TH TSP	+8.49	12TH TSP	
35	39	7/93 RFO	Bobbin		WAR	13	0.85	4AVB	+0.00	9TH TSP
35	40	7/93 RFO	Bobbin		WAR	15	1.13	2AVB	+0.00	9TH TSP
35	45	7/93 RFO	C/L Special Int VOL			0.56	11TH TSP	-12.33	11TH TSP	
35	51	7/93 RFO	Bobbin		WAR	14	0.95	1AVB	+0.00	9TH TSP
35	52	7/93 RFO	C/L Special Int VOL			0.54	13TH TSP	+16.07	13TH TSP	
35	56	7/93 RFO	C/L Special Int VOL			0.58	10TH TSP	+2.07	10TH TSP	
		7/93 RFO	C/L Special Int VOL			0.59	10TH TSP	+4.16	10TH TSP	
35	72	7/93 RFO	Bobbin		ADI		7.22	22ND TSP	+9.92	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.55	22ND TSP	+9.22	22ND TSP	
35	76	7/93 RFO	Bobbin		ADI		4.08	5TH TSP	+32.19	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.64	6TH TSP	-12.45	6TH TSP	
35	96	7/93 RFO	C/L Special Int VOL			1.10	10TH TSP	+17.44	10TH TSP	
36	26	7/93 RFO	Bobbin		ADI		6.40	7TH TSP	+18.89	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.47	7TH TSP	+22.20	7TH TSP	

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	VOL		0.58	7TH TSP	+18.83
36	39	7/93 RFO	Bobbin	WAR	17	1.22	2AVB	+0.00
		7/93 RFO	Bobbin	ADI		4.56	12TH TSP	+33.83
		7/93 RFO	C/L Special Int	VOL		0.90	11TH TSP	+6.40
		7/93 RFO	C/L Special Int	VOL		1.40	11TH TSP	-10.02
36	42	7/93 RFO	C/L Special Int	VOL		0.30	22ND TSP	+11.70
		7/93 RFO	C/L Special Int	VOL		0.33	22ND TSP	+7.54
36	49	7/93 RFO	Bobbin	WAR	15	1.00	1AVB	+0.00
36	51	7/93 RFO	Bobbin	WAR	13	0.93	1AVB	+0.00
36	53	7/93 RFO	Bobbin	WAR	11	0.79	1AVB	+0.00
		7/93 RFO	Bobbin	ADI		5.00	11TH TSP	+5.05
		7/93 RFO	C/L Special Int	VOL		0.31	11TH TSP	+5.03
36	74	7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+5.00
36	78	7/93 RFO	Bobbin	ADI		3.78	7TH TSP	+10.15
		7/93 RFO	H/L Special Int	VOL		0.43	7TH TSP	+9.92
36	79	7/93 RFO	H/L Tubesheet	SAI		20.49	TTS-HL	+0.01
36	91	7/93 RFO	Bobbin	ADI		0.64	3RD TSP	+12.34
36	100	7/93 RFO	Bobbin	ADI		3.65	12TH TSP	+33.34
37	23	7/93 RFO	Bobbin	ADI		4.82	3RD TSP	+18.08
		7/93 RFO	H/L Special Int	VOL		0.36	3RD TSP	+13.17
		7/93 RFO	H/L Special Int	VOL		0.64	3RD TSP	+15.02
		7/93 RFO	H/L Special Int	VOL		0.95	3RD TSP	+18.21
37	29	7/93 RFO	Bobbin	ADI		5.35	18TH TSP	+14.54
		7/93 RFO	C/L Special Int	VOL		0.71	17TH TSP	-6.51
37	35	7/93 RFO	Bobbin	WAR	14	0.92	3AVB	+0.00
37	37	7/93 RFO	C/L Special Int	VOL		0.66	20TH TSP	+2.69
37	40	7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+18.41
37	46	7/93 RFO	Bobbin	ADI		9.84	18TH TSP	+10.73
		7/93 RFO	C/L Special Int	VOL		0.77	18TH TSP	+10.42
		7/93 RFO	C/L Special Int	VOL		1.24	14TH TSP	+4.06
37	47	7/93 RFO	Bobbin	ODI	9	0.63	7TH TSP	+36.64
		7/93 RFO	Bobbin	ODI	11	0.71	7TH TSP	+39.24
		7/93 RFO	H/L Special Int	VOL		0.41	8TH TSP	-4.88
		7/93 RFO	H/L Special Int	VOL		0.51	8TH TSP	-7.42
		7/93 RFO	C/L Special Int	VOL		0.63	13TH TSP	+8.20
37	54	7/93 RFO	Bobbin	WAR	15	1.00	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	16	1.11	1AVB	+0.00
37	69	7/93 RFO	C/L Special Int	VOL		0.37	22ND TSP	+14.39
37	75	7/93 RFO	C/L Special Int	VOL		0.55	9TH TSP	-6.13
37	78	7/93 RFO	Bobbin	ODI	6	1.49	6TH TSP	+28.49
		7/93 RFO	H/L Special Int	VOL		0.80	6TH TSP	+28.28
38	35	7/93 RFO	Bobbin	ODI	9	1.56	19TH TSP	+4.71
		7/93 RFO	C/L Special Int	VOL		0.61	19TH TSP	+3.73
38	38	7/93 RFO	U-Bend	VOL		0.81	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	25	2.13	3AVB	+0.00
38	40	7/93 RFO	Bobbin	ADI		5.24	11TH TSP	+37.64
		7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	+32.40
		7/93 RFO	C/L Special Int	VOL		1.26	11TH TSP	+37.64
38	43	7/93 RFO	Bobbin	WAR	16	1.12	1AVB	+0.00
38	46	7/93 RFO	Bobbin	WAR	19	1.38	1AVB	+0.00
38	49	7/93 RFO	Bobbin	WAR	10	0.68	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	13	0.89	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	19	1.41	3AVB	+0.00
38	50	7/93 RFO	Bobbin	WAR	13	0.85	1AVB	+0.00
38	51	7/93 RFO	Bobbin	WAR	19	1.44	1AVB	+0.00
38	56	7/93 RFO	Bobbin	IDI	40	13.38	TE-HL	+16.24
38	57	7/93 RFO	Bobbin	ADI		6.11	8TH TSP	+8.60
		7/93 RFO	U-Bend	VOL		0.95	8TH TSP	+8.77
		7/93 RFO	Bobbin	ADI		2.08	11TH TSP	+30.23
38	63	7/93 RFO	U-Bend	VOL		0.92	1AVB	+0.00
		7/93 RFO	U-Bend	VOL		1.20	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	20	1.45	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	22	1.74	2AVB	+0.00
38	68	7/93 RFO	C/L Special Int	VOL		0.81	22ND TSP	+2.39
38	70	7/93 RFO	C/L Special Int	VOL		0.54	10TH TSP	-9.94



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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
38	85	7/93 RFO	Bobbin	ADI		2.28	3RD TSP	+12.00
		7/93 RFO	Bobbin	ADI		2.66	3RD TSP	+19.63
		7/93 RFO	Bobbin	ADI		2.79	6TH TSP	+33.06
		7/93 RFO	H/L Special Int	VOL		0.38	7TH TSP	-11.38
		7/93 RFO	H/L Special Int	VOL		0.50	7TH TSP	-7.25
38	90	7/93 RFO	C/L Special Int	VOL		0.37	15TH TSP	+3.45
39	18	7/93 RFO	C/L Special Int	VOL		0.35	11TH TSP	+3.25
39	20	7/93 RFO	Bobbin	WAR	8	0.54	2AVB	+0.00
		7/93 RFO	Bobbin	ADI		2.74	12TH TSP	+12.65
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+12.36
39	22	7/93 RFO	Bobbin	WAR	12	0.77	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	13	0.87	1AVB	+0.00
39	29	7/93 RFO	Bobbin	ODI	30	0.82	10TH TSP	+7.81
		7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+8.88
39	33	7/93 RFO	Bobbin	NQI		0.75	13TH TSP	+16.41
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	-7.01
39	36	7/93 RFO	Bobbin	WAR	9	0.60	3AVB	+0.00
39	42	7/93 RFO	Bobbin	ADI		2.48	11TH TSP	+11.04
		7/93 RFO	C/L Special Int	VOL		0.51	14TH TSP	+5.10
		7/93 RFO	C/L Special Int	VOL		0.76	11TH TSP	+12.01
39	44	7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+5.61
39	50	7/93 RFO	Bobbin	WAR	20	1.49	1AVB	+0.00
		7/93 RFO	C/L Special Int	VOL		1.17	13TH TSP	+2.60
39	66	7/93 RFO	H/L Tubesheet	VOL		1.29	TTS-HL	-0.51
39	74	7/93 RFO	Bobbin	ADI		5.35	11TH TSP	+26.57
		7/93 RFO	C/L Special Int	VOL		0.92	11TH TSP	+23.29
39	80	7/93 RFO	Bobbin	WAR	11	0.72	1AVB	+0.00
39	96	7/93 RFO	Bobbin	ODI	12	1.57	4TH TSP	+34.81
		7/93 RFO	H/L Special Int	VOL		0.97	5TH TSP	-9.43
40	29	7/93 RFO	C/L Special Int	VOL		0.27	22ND TSP	+7.19
		7/93 RFO	C/L Special Int	VOL		0.38	22ND TSP	+14.50
40	51	7/93 RFO	C/L Special Int	VOL		1.38	11TH TSP	+24.00
40	70	7/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+15.74
40	72	7/93 RFO	C/L Special Int	VOL		0.32	17TH TSP	-6.36
		7/93 RFO	C/L Special Int	VOL		0.74	17TH TSP	-0.26
40	74	7/93 RFO	Bobbin	ADI		4.56	22ND TSP	+11.27
		7/93 RFO	C/L Special Int	VOL		1.11	22ND TSP	+9.71
40	79	7/93 RFO	Bobbin	IDI	40	5.07	TE-HL	+13.15
		7/93 RFO	Bobbin	IDI	40	11.60	TE-HL	+17.19
		7/93 RFO	H/L Tubesheet	MAI		1.57	TTS-HL	-3.37
40	87	7/93 RFO	C/L Special Int	VOL		0.77	12TH TSP	-6.21
41	28	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+9.56
41	29	7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	-9.75
41	30	7/93 RFO	Bobbin	NQI		0.30	9TH TSP	+24.33
41	38	7/93 RFO	Bobbin	WAR	12	0.71	1AVB	+0.00
41	41	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+7.66
41	45	7/93 RFO	C/L Special Int	VOL		0.48	21ST TSP	-0.48
		7/93 RFO	C/L Special Int	VOL		0.56	21ST TSP	+4.67
		7/93 RFO	C/L Special Int	VOL		1.23	21ST TSP	+2.41
41	59	7/93 RFO	Bobbin	WAR	6	0.83	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.72	17TH TSP	+0.00
41	73	7/93 RFO	H/L Tubesheet	MAI		0.24	TTS-HL	+0.01
41	83	7/93 RFO	Bobbin	WAR	12	0.75	1AVB	+0.00
		7/93 RFO	H/L Tubesheet	SAI		0.56	TTS-HL	-3.98
42	30	7/93 RFO	Bobbin	NQI		0.73	13TH TSP	+18.37
		7/93 RFO	C/L Special Int	VOL		1.25	12TH TSP	-4.40
42	31	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+17.10
		7/93 RFO	C/L Special Int	VOL		0.60	12TH TSP	+5.92
42	35	7/93 RFO	Bobbin	ADI		1.30	7TH TSP	+24.06
		7/93 RFO	H/L Special Int	VOL		0.28	7TH TSP	+24.13
42	37	7/93 RFO	Bobbin	WAR	10	0.59	2AVB	+0.00
42	43	7/93 RFO	Bobbin	WAR	21	1.49	1AVB	+0.00
		7/93 RFO	Bobbin	NQI		1.00	13TH TSP	+17.87
		7/93 RFO	C/L Special Int	VOL		0.78	13TH TSP	+17.85
42	45	7/93 RFO	Bobbin	WAR	16	1.05	1AVB	+0.00

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
42	49	7/93 RFO	Bobbin	IDI	40	3.22	TE-HL	+14.49
		7/93 RFO	Bobbin	NQI		1.92	18TH TSP	+5.27
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+0.73
		7/93 RFO	C/L Special Int	VOL		0.46	18TH TSP	+4.03
		7/93 RFO	C/L Special Int	VOL		1.12	18TH TSP	+6.16
42	53	7/93 RFO	Bobbin	WAR	9	0.51	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	16	1.05	1AVB	+0.00
42	73	7/93 RFO	Bobbin	IDI	40	11.70	TE-HL	+17.71
		7/93 RFO	H/L Tubesheet	MAI		6.75	TTS-HL	-3.57
43	25	7/93 RFO	C/L Special Int	VOL		0.23	20TH TSP	+1.60
43	37	7/93 RFO	Bobbin	NQI		0.40	15TH TSP	+18.19
		7/93 RFO	C/L Special Int	VOL		0.44	15TH TSP	+18.32
		7/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+2.15
43	40	7/93 RFO	C/L Special Int	VOL		0.15	22ND TSP	+5.02
		7/93 RFO	C/L Special Int	VOL		0.17	22ND TSP	+7.92
		7/93 RFO	C/L Special Int	VOL		0.26	22ND TSP	+2.16
43	52	7/93 RFO	Bobbin	WAR	24	0.99	2AVB	+0.00
43	55	7/93 RFO	Bobbin	WAR	10	0.57	1AVB	+0.00
43	62	7/93 RFO	U-Bend	VOL		0.42	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	23	1.80	1AVB	+0.00
43	63	7/93 RFO	Bobbin	WAR	16	1.14	1AVB	+0.00
43	65	7/93 RFO	U-Bend	VOL		0.71	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	22	1.75	1AVB	+0.00
43	66	7/93 RFO	Bobbin	WAR	11	0.76	1AVB	+0.00
43	67	7/93 RFO	Bobbin	WAR	16	1.15	1AVB	+0.00
43	68	7/93 RFO	Bobbin	WAR	17	1.22	1AVB	+0.00
43	70	7/93 RFO	Bobbin	WAR	16	1.10	1AVB	+0.00
43	71	7/93 RFO	U-Bend	VOL		1.06	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	20	1.46	1AVB	+0.00
43	86	7/93 RFO	C/L Special Int	VOL		0.45	13TH TSP	+7.73
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	-1.16
		7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+3.88
44	27	7/93 RFO	Bobbin	ODI	60	0.51	15TH TSP	+7.35
		7/93 RFO	C/L Special Int	SAI		0.43	15TH TSP	+7.25
44	35	7/93 RFO	Bobbin	ADI		5.91	22ND TSP	+10.29
		7/93 RFO	Bobbin	ADI		6.84	18TH TSP	+6.13
		7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+5.88
		7/93 RFO	C/L Special Int	VOL		1.16	22ND TSP	+5.29
		7/93 RFO	C/L Special Int	VOL		1.31	22ND TSP	+7.86
		7/93 RFO	C/L Special Int	VOL		1.41	22ND TSP	+9.88
44	37	7/93 RFO	C/L Special Int	VOL		1.06	17TH TSP	+17.37
44	39	7/93 RFO	Bobbin	ADI		4.82	11TH TSP	+41.41
		7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-3.20
44	41	7/93 RFO	C/L Special Int	VOL		0.40	11TH TSP	-1.70
44	46	7/93 RFO	Bobbin	WAR	28	2.25	1AVB	+0.00
44	51	7/93 RFO	Bobbin	WAR	16	1.04	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	11	1.62	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.88	17TH TSP	+0.00
44	52	7/93 RFO	Bobbin	WAR	13	0.81	1AVB	+0.00
44	54	7/93 RFO	Bobbin	WAR	11	0.64	1AVB	+0.00
44	56	7/93 RFO	Bobbin	ADI		4.55	17TH TSP	+14.68
		7/93 RFO	C/L Special Int	VOL		0.87	17TH TSP	+14.46
44	57	7/93 RFO	Bobbin	WAR	8	1.25	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.70	17TH TSP	+0.00
44	62	7/93 RFO	U-Bend	VOL		0.65	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.23	1AVB	+0.00
44	63	7/93 RFO	Bobbin	ADI		3.53	7TH TSP	+16.45
		7/93 RFO	H/L Special Int	VOL		0.63	7TH TSP	+19.41
		7/93 RFO	H/L Special Int	VOL		0.80	7TH TSP	+17.53
		7/93 RFO	H/L Special Int	VOL		1.02	7TH TSP	+7.49
44	72	7/93 RFO	Bobbin	ADI		2.41	7TH TSP	+26.30
44	74	7/93 RFO	Bobbin	ADI		5.60	4TH TSP	+17.36
		7/93 RFO	H/L Special Int	VOL		1.43	4TH TSP	+18.26
44	82	7/93 RFO	H/L Tubesheet	SAI		0.65	TTS-HL	+0.19
44	87	7/93 RFO	Bobbin	IDI	40	9.91	TE-HL	+10.37

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1	
		7/93 RFO	H/L Special Int	MAI		1.48	TTS-HL	-12.48	TTS-HL
		7/93 RFO	H/L Special Int	SAI		0.53	TTS-HL	+0.00	TTS-HL
45	32	7/93 RFO	C/L Special Int	VOL		0.12	13TH TSP	+12.06	13TH TSP
45	36	7/93 RFO	C/L Special Int	VOL		0.36	10TH TSP	+14.72	10TH TSP
45	40	7/93 RFO	Bobbin	IDI	40	4.09	TE-HL	+6.13	9TH TSP
45	47	7/93 RFO	Bobbin	WAR	8	0.48	3AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	9	0.54	2AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	16	1.01	1AVB	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+26.74	12TH TSP
45	53	7/93 RFO	Bobbin	ADI		2.22	2AVB	+22.61	9TH TSP
45	54	7/93 RFO	U-Bend	VOL		0.45	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	WAR	11	0.67	2AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	19	1.29	1AVB	+0.00	9TH TSP
45	60	7/93 RFO	Bobbin	WAR	9	1.35	16TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.98	16TH TSP	+0.13	16TH TSP
45	62	7/93 RFO	C/L Special Int	VOL		0.61	9TH TSP	-4.66	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.86	9TH TSP	-1.05	9TH TSP
45	64	7/93 RFO	Bobbin	WAR	8	1.21	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.29	17TH TSP	+0.00	17TH TSP
45	74	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+9.61	10TH TSP
45	89	7/93 RFO	Bobbin	ADI		6.79	13TH TSP	+5.58	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.27	13TH TSP	+4.74	13TH TSP
45	90	7/93 RFO	Bobbin	ADI		3.22	11TH TSP	+15.42	9TH TSP
		7/93 RFO	C/L Special Int	VOL		2.77	11TH TSP	+14.89	11TH TSP
46	26	7/93 RFO	Bobbin	ODI	15	1.35	7TH TSP	+1.64	9TH TSP
46	39	7/93 RFO	C/L Special Int	VOL		0.79	22ND TSP	+7.10	22ND TSP
46	40	7/93 RFO	C/L Special Int	VOL		0.47	13TH TSP	+15.45	13TH TSP
46	59	7/93 RFO	Bobbin	WAR	14	2.17	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.97	18TH TSP	-0.22	18TH TSP
46	62	7/93 RFO	Bobbin	ADI		3.93	12TH TSP	+4.34	9TH TSP
46	63	7/93 RFO	U-Bend	VOL		1.18	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	ODI	16	1.12	1AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	IDI	40	2.69	TE-HL	+16.20	9TH TSP
46	68	7/93 RFO	C/L Special Int	VOL		0.40	22ND TSP	+12.08	21ST TSP
46	71	7/93 RFO	C/L Special Int	VOL		0.42	TTS-CL	+3.63	22ND TSP
		7/93 RFO	C/L Special Int	VOL		0.48	TTS-CL	+2.55	22ND TSP
46	72	7/93 RFO	U-Bend	VOL		0.92	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	WAR	17	1.23	1AVB	+0.00	9TH TSP
46	74	7/93 RFO	Bobbin	WAR	12	0.83	1AVB	+0.00	9TH TSP
46	75	7/93 RFO	H/L Tubesheet	MAI		1.13	TTS-HL	-3.49	TTS-HL
46	76	7/93 RFO	Bobbin	ADI		5.22	5TH TSP	+28.29	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.75	6TH TSP	-15.91	6TH TSP
47	31	7/93 RFO	C/L Special Int	VOL		0.32	21ST TSP	+3.28	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	+4.69	11TH TSP
47	38	7/93 RFO	C/L Special Int	VOL		0.43	12TH TSP	+23.68	12TH TSP
47	39	7/93 RFO	Bobbin	WAR	17	2.76	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	18TH TSP	+0.00	18TH TSP
47	40	7/93 RFO	Bobbin	WAR	11	1.61	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+0.12	18TH TSP
47	43	7/93 RFO	C/L Special Int	VOL		0.59	18TH TSP	+9.21	18TH TSP
47	50	7/93 RFO	Bobbin	WAR	16	2.51	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	-0.16	17TH TSP
47	51	7/93 RFO	Bobbin	WAR	16	2.45	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.60	17TH TSP	-0.22	17TH TSP
47	53	7/93 RFO	H/L Tubesheet	MAI		0.42	TTS-HL	-2.59	TTS-HL
47	55	7/93 RFO	Bobbin	WAR	7	1.08	15TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	15TH TSP	+0.00	15TH TSP
47	59	7/93 RFO	C/L Special Int	VOL		0.71	12TH TSP	+4.23	12TH TSP
47	60	7/93 RFO	C/L Special Int	VOL		0.65	10TH TSP	-9.33	10TH TSP
47	61	7/93 RFO	Bobbin	WAR	9	1.35	17TH TSP	+0.07	9TH TSP
47	62	7/93 RFO	Bobbin	WAR	18	2.88	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.10	17TH TSP	-0.23	17TH TSP
47	67	7/93 RFO	Bobbin	ODI	5	3.57	11TH TSP	+23.47	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.29	11TH TSP	+22.64	11TH TSP
48	35	7/93 RFO	C/L Special Int	VOL		0.22	11TH TSP	-12.64	11TH TSP

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
48	36	7/93 RFO	Bobbin	WAR	10	1.53	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.20	17TH TSP	+14.51
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	-0.07
48	38	7/93 RFO	Bobbin	WAR	11	1.60	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.39	20TH TSP	-0.19
48	40	7/93 RFO	Bobbin	WAR	8	1.19	20TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	24	4.23	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.53	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.91	18TH TSP	+0.00
48	46	7/93 RFO	Bobbin	WAR	9	1.34	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.54	20TH TSP	-0.17
48	48	7/93 RFO	Bobbin	ADI		4.12	12TH TSP	+8.92
		7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+7.90
48	50	7/93 RFO	Bobbin	WAR	6	0.84	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	10	1.52	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.93	17TH TSP	-0.18
		7/93 RFO	C/L Special Int	VOL		0.94	18TH TSP	-0.15
48	56	7/93 RFO	Bobbin	WAR	6	0.90	13TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	11	1.60	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+0.24
		7/93 RFO	C/L Special Int	VOL		0.67	17TH TSP	-0.19
48	57	7/93 RFO	Bobbin	WAR	9	1.31	15TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.53	15TH TSP	+0.26
48	60	7/93 RFO	Bobbin	NQI		0.67	15TH TSP	+7.50
		7/93 RFO	Bobbin	NQI		1.31	20TH TSP	+2.94
		7/93 RFO	Bobbin	NQI		1.37	20TH TSP	+10.71
		7/93 RFO	Bobbin	WAR	10	1.47	15TH TSP	+0.00
48	62	7/93 RFO	U-Bend	VOL		0.33	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	29	2.63	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	27	4.99	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	27	4.99	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.74	17TH TSP	-0.21
48	64	7/93 RFO	Bobbin	ODI	19	3.84	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		4.40	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		5.50	17TH TSP	+0.00
48	71	7/93 RFO	Bobbin	WAR	12	1.81	16TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		2.44	16TH TSP	+0.00
48	86	7/93 RFO	Bobbin	ODI	17	2.09	12TH TSP	+10.35
		7/93 RFO	C/L Special Int	VOL		5.29	12TH TSP	+10.95
49	42	7/93 RFO	Bobbin	ADI		3.95	12TH TSP	+38.47
		7/93 RFO	Bobbin	NQI		1.33	10TH TSP	+2.98
		7/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	-5.68
		7/93 RFO	C/L Special Int	VOL		1.33	10TH TSP	+2.97
49	51	7/93 RFO	Bobbin	WAR	5	0.76	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+0.00
49	53	7/93 RFO	C/L Special Int	VOL		1.36	22ND TSP	+4.27
49	54	7/93 RFO	Bobbin	ADI		5.11	11TH TSP	+36.72
		7/93 RFO	C/L Special Int	VOL		0.99	10TH TSP	-8.25
49	55	7/93 RFO	Bobbin	WAR	10	1.45	13TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+0.00
49	56	7/93 RFO	Bobbin	ADI		4.22	21ST TSP	+3.92
		7/93 RFO	Bobbin	WAR	5	0.78	15TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.45	21ST TSP	+3.78
		7/93 RFO	C/L Special Int	VOL		0.76	15TH TSP	+0.00
49	57	7/93 RFO	Bobbin	WAR	8	1.15	15TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.49	15TH TSP	+0.19
49	58	7/93 RFO	Bobbin	WAR	19	3.12	18TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		5.36	18TH TSP	+0.00
49	60	7/93 RFO	Bobbin	WAR	9	1.41	15TH TSP	+0.00
49	62	7/93 RFO	U-Bend	VOL		0.81	1AVB	+17.17
		7/93 RFO	Bobbin	ADI		6.78	8TH TSP	+50.45
		7/93 RFO	Bobbin	WAR	6	0.85	15TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	10	1.56	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		4.31	20TH TSP	+0.00

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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
49	63	7/93 RFO	Bobbin	WAR	16	2.60	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		4.79	17TH TSP	+0.00 17TH TSP
49	68	7/93 RFO	Bobbin	WAR	12	1.79	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		2.93	17TH TSP	+0.00 17TH TSP

Total Indications Found = 979

Total Tubes Found = 532

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BWNT TUBAN II (Version 2.1) 09/12/1994 16:13:18  
McGuire Nuclear Station - Unit Two  
S/G A  
7/93 RFO

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ATTACHMENT #5 - TUBES PLUGGED OR REPAIRED.

COUNT	ROW	COL	COUNT	ROW	COL
1.	2	4	47.	42	72
2.	3	18	48.	43	86
3.	3	57	49.	44	50
4.	3	59	50.	45	53
5.	4	71	51.	45	64
6.	5	12	52.	45	88
7.	7	22	53.	46	75
8.	7	73	54.	48	70
9.	7	74	55.	49	73
10.	8	23			
11.	8	30			
12.	9	51			
13.	10	36			
14.	13	61			
15.	14	22			
16.	14	29			
17.	15	46			
18.	15	55			
19.	16	21			
20.	16	38			
21.	19	101			
22.	21	29			
23.	21	33			
24.	22	11			
25.	23	48			
26.	23	85			
27.	24	27			
28.	25	47			
29.	25	48			
30.	25	54			
31.	27	47			
32.	28	11			
33.	28	39			
34.	29	16			
35.	33	12			
36.	35	93			
37.	36	16			
38.	36	66			
39.	37	24			
40.	39	30			
41.	39	35			
42.	39	39			
43.	40	34			
44.	40	43			
45.	41	52			
46.	41	85			

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BWNT TUBAN II (Version 2.1)

09/12/1994 16:15:23

McGuire Nuclear Station - Unit Two

S/G B

7/93 RFO

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ATTACHMENT #6 - TUBES PLUGGED OR REPAIRED

COUNT ROW COL

COUNT ROW COL

1. 3 8  
2. 3 65  
3. 4 78  
4. 4 98  
5. 5 2  
6. 5 35  
7. 6 66  
8. 6 83  
9. 7 92  
10. 8 100  
11. 9 105  
12. 10 15  
13. 10 37  
14. 11 94  
15. 13 58  
16. 15 38  
17. 15 95  
18. 16 56  
19. 16 92  
20. 17 19  
21. 17 35  
22. 17 101  
23. 17 108  
24. 18 56  
25. 18 82  
26. 19 93  
27. 20 59  
28. 22 68  
29. 26 90  
30. 27 77  
31. 27 80  
32. 28 53  
33. 31 44  
34. 31 83  
35. 32 49  
36. 32 57  
37. 32 64  
38. 33 68  
39. 35 62  
40. 36 77  
41. 39 60  
42. 40 43  
43. 40 59  
44. 41 30  
45. 41 56  
46. 42 54

47. 43 77  
48. 49 42

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BWNT TUBAN II (Version 2.1) 09/12/1994 16:17:03  
McGuire Nuclear Station - Unit Two  
S/G C  
7/93 RFO

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ATTACHMENT #7 - TUBES PLUGGED OR REPAIRED  
COUNT ROW COL

COUNT ROW COL

1.	3	34
2.	3	43
3.	5	37
4.	6	41
5.	8	19
6.	9	17
7.	10	59
8.	10	72
9.	11	31
10.	11	35
11.	11	89
12.	11	91
13.	12	45
14.	12	113
15.	13	72
16.	13	74
17.	14	62
18.	15	67
19.	15	71
20.	15	75
21.	15	77
22.	17	43
23.	18	78
24.	19	108
25.	22	46
26.	23	54
27.	24	47
28.	26	58
29.	28	60
30.	30	18
31.	30	21
32.	31	14
33.	34	100
34.	35	71
35.	36	17

Total Data Items Found = 35  
Total Tubes Found = 35



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BWNT TUBAN II (Version 2.1) 09/12/1994 16:18:31  
McGuire Nuclear Station - Unit Two  
S/G D  
7/93 RFO

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ATTACHMENT #8 - TUBES PLUGGED OR REPAIRED

COUNT	ROW	COL	COUNT	ROW	COL
1.	1	18	47.	44	87
2.	3	104	48.	46	75
3.	4	70	49.	47	53
4.	4	78			
5.	4	80			
6.	4	85			
7.	4	88			
8.	4	109			
9.	5	38			
10.	5	72			
11.	5	114			
12.	6	46			
13.	6	82			
14.	6	110			
15.	7	85			
16.	8	94			
17.	9	76			
18.	10	101			
19.	10	104			
20.	11	61			
21.	11	62			
22.	11	63			
23.	11	92			
24.	13	4			
25.	13	93			
26.	15	110			
27.	16	57			
28.	16	110			
29.	17	66			
30.	17	109			
31.	18	49			
32.	19	47			
33.	19	91			
34.	20	87			
35.	27	95			
36.	28	92			
37.	30	78			
38.	30	98			
39.	33	97			
40.	33	103			
41.	36	79			
42.	39	66			
43.	41	59			
44.	41	73			
45.	44	27			
46.	44	82			