



FOR NOTES AND ADDITIONAL REFERENCES SEE DRAWING H-23390 SHEET 1

REFERENCES CONTINUED:

- 33. H-27635- ELEM DIAG RHR SYSTEM 2E11
- H-27657
- 34. H-27664- ELEM DIAG HPCI SYSTEM 2E41
- H-27672
- 35. H-27681- ELEM DIAG RADWASTE SYSTEM 2G11A
- H-27720
- 36. H-27658- ELEM DIAG CORE SPRAY SYSTEM 2E21A
- H-27663
- 37. H-27794- ELEM DIAG RADWASTE BUILDING VENTILATION SYS 2V41
- H-27795
- 38. H-27802- ELEM DIAG TURBINE BUILDING CHILLED WATER SYS 2P63
- H-27804
- 39. H-27811- ELEM DIAG OFFGAS SYSTEM 2N62A
- H-27822
- 40. H-27850- ELEM DIAG RPS SYSTEM 2C71
- H-27970
- 41. H-27970- ELEM DIAG REMOTE SHUTDOWN SYS 2C82
- H-27980
- 42. H-27750- ELEM DIAG REACTOR BUILDING CCW SYS 2P42
- H-27751
- 43. H-23668- ELEM DIAG EMERGENCY STATION SYSTEM 2R20M
- H-23670
- 44. H-23666- ELEM DIAG CONTROL AND ANNUNCIATOR MAIN POWER XFMR AND AUXILIARY XFMR 2A,2B,2C AND 2D SYS 2S11
- H-23667
- 45. H-23668- ELEM DIAG EMER STATION SERVICE SYS 2R20M
- H-23670
- 46. H-23671- ELEM DIAG MISC STATION SERV EQUIPMENT SYS 2N21
- H-23677
- 47. H-23678- ELEM DIAG SERVICE AIR SYSTEM 2P51
- H-23680
- 48. H-23682- ELEM DIAG CIRC WATER AND CONDENSER EQUIPMENT AND AUXILIARY SYSTEM 2N71
- H-23686
- 49. H-23692- ELEM DIAG MAIN AND RFP TURBINE DRAINS SYS 2N22
- H-23692
- 50. H-23661- ELEM DIAG REACTOR FEED PUMP TURBINE SYS 2N21
- H-23661
- 51. H-23823- ELEM DIAG ALTERREX EXCIATION SYS 2N51
- H-23825
- 52. H-23613- ELEM DIAG UNIT AUXILIARY TRANSFORMER 2A & 2B FAULT PRESSURE SYS 2S32A
- H-23613
- 53. H-23614- ELEM DIAG START UP XFMR 2C AND 2D FAULT PRESSURE SYSTEM 2R20K
- H-23614
- 54. H-23665- ELEM DIAG START-UP XFMR 2C AND 2D
- H-23665
- 55. H-27593- ELEM DIAG TRAVERSING INCORE PROBE CALIB SYSTEM 2C51D
- H-27593
- 56. H-27673- ELEM DIAG RCIC SYSTEM 2E51
- H-27680
- 57. H-23374- ELEM DIAG TURBINE FH CONTROL SYSTEM 2N32
- H-23377
- 58. H-27481- ELEM DIAG REACTOR RECIRC PUMP AND MG SET "A" SYS 2B31
- H-27482
- 59. SX-28943- VENDOR MANUAL FOR 2H11-P630
- H-27470
- 60. H-27470- ELEM DIAG ADS SYSTEM 2B21C
- H-27473
- 61. H-23767- ELEM DIAG STANDBY GAS TREATMENT SYSTEM 2T46
- H-27769
- 62. H-27744- ELEM DIAG DRYWELL PNEUMATIC SYSTEM 2P70
- H-27744
- 63. H-27738- ELEM DIAG FUEL POOL/DEMINERALIZER SYSTEM 2G41B
- H-27738
- 64. H-23885- ELEM DIAG CONTROL BUILDING FIRE PROTECTION SYSTEM 2T43
- H-23885
- 65. SX-26151- WIRING DIAG POWER & CONTROL PANEL WIRING 2H21-P237
- H-26151
- 66. H-23618- ELEM DIAG CONDENSATE POLISHING SYSTEM 2N21
- H-23620
- 67. H-23621- ELEM DIAG GENERATOR AUX EQUIPMENT SYSTEM 2N43
- H-23621
- 68. H-23593- WIRING DIAG 125V DC DISTRIBUTION CABINETS 2R25-S001, 2R25-S002 AND 2R25-S003
- H-23593
- 69. A-20150- LOAD LIST FOR DISTRIBUTION PANEL 2R25-S001
- A-20150
- 70. A-20151- LOAD LIST FOR DISTRIBUTION PANEL 2R25-S002
- A-20151
- 71. A-20152- LOAD LIST FOR DISTRIBUTION PANEL 2R25-S003
- A-20152
- 72. B-51625- EC TRIP DEVICE SH. 1 & 2
- B-51625
- 73. H-52047- ELEM. DIAG. RFPPT PROXIMITORS SYS. 2N32 SH. 1 OF 2.
- H-52047

DESTINATION MPL NO.	BREAKER FUNCTION	WIRE NO.	BREAKER CONTINUOUS RATING	BREAKER NO.
1H11-P653	DIESEL TEST INTERLOCK	1H11-P653	P1	20A
H-13641	SCX811M01	REF 23	2P	1, 2
SPARE				3A, 4A
2R22-S002	CONDENSER FLOODING RELAY LOGIC DIVISION II		P5	20A
H-23480	NWX823M01	REF 48	2P	5, 6
2H21-P156	RADWASTE VENTILATION ANNUNCIATOR PANEL		P7	20A
H-27934	VAX802M01	REF 37	2P	7, 8
SPARE				9, 10
2H21-P237	BAY "A" ANNUNCIATOR CABINET	2H21-P237	P13	20A
H-23580	RNX802M24		2P	13, 14
2H11-P623	NSSS PILOT VALVES FOR OUTBOARD MSV'S AND RCIC RELAY LOGIC		P15	30A
H-27824	AAE830M01	REF 56	2P	15, 16
2R23-S004	600V BUS 2D SUPPLY BREAKER CONTROL POWER		P17	30A
H-24041	RIE803M01	REF 43	2P	17, 18
2R23-S004	600V BUS 2D FDR BREAKER CONTROL POWER		P19	70A
H-24041	RIE827M01	REF 45	2P	19, 20
2H11-P612	DIV II TEEFWATER CONTROL POWER & BX HI LVL TRIP C (2C32 SYS)		P21	20A
H-27843	CXK803M03	REF 32	2P	21, 22
SPARE				23, 24
2H11-P612	HPCI PWR SPLY 2E41-K603 & POST ACCIDENT MONITOR SPEED CNTL		P25	20A
H-27843	EDE807M01	REF 34	2P	25, 26
2H11-P926	ATTS CABINET 2H11-P926 POWER SUPPLY		P27	20A
H-24456	ABE802M01	REF 17	2P	27, 28
2H11-P928	ATTS CABINET 2H11-P928 POWER SUPPLY		P29	20A
H-24458	ABE804M01	REF 17	2P	29, 30
SPARE				31, 32
SPARE				33, 34
2R22-S003	4160V SWITCHGEAR BUS 2C FDR BREAKER CONTROL POWER		P35	70A
H-23493	RCX809M01	REF 24	2P	35, 36
2R25-S002	125V DC CABINET 2B CONTROL BUILDING EL.130-01		P37	20A
SPARE				37, 38
2H11-P618	CHANNEL "B" RHR RELAY LOGIC (2E11 SYSTEM)		P4	20A
H-27869	EAE807M01		2P	3, 4
2H11-P620	HPCI RELAY LOGIC AND REMOTE TURBINE TRIP (2E41 SYSTEM)		P6	20A
H-27876	EDE802M01	REF 34	2P	5, 6
2H11-P611	TRIP SYSTEM "B" BACKUP SCRAM VALVE (2C71 SYSTEM)		P8	20A
H-27860	CME844M01	REF 31	2P	7, 8
2H11-P601	HPCI CNTL PWR AND RHR VALVE INDN 2E11-F103B & 2E11-F104B		P10	20A
H-27945	EDE807M02	REF 33	2P	9, 10
SPARE				11, 12
2R22-S001	4KV BUS 2A FDR BREAKERS CONTROL POWER		P14	30A
H-23472	RCX805M01	REF 24	2P	13, 14
2R22-S002	4160V SWITCHGEAR BUS 2B UNLV PROT & FDR CONTROL POWER		P16	30A
H-23478	RCX806M01	REF 24	2P	15, 16
2H11-P614	RCIC STEAM LEAK ISOL AND LIGHT INDICATION DIV II (2B21 SYS)		P18	20A
H-27826	BBE807M01	REF 15	2P	17, 18
2B31-P002B	ALT CNTL PWR FOR MG SET "2B"		P20	70A
H-27834	BHX801M02	REF 16	2P	19, 20
2H11-P627	CORE SPRAY "B" RELAY ADS "B" LOGIC (2E21 & 2B21 SYSTEM)		P22	20A
H-27873	EDE802M01	REF 36	2P	21, 22
2H11-P611	RECRG PUMP TRIP SYSTEM "B" LOGIC (2C71 SYSTEM)		P24	20A
H-27860	CME840M01	REF 40	2P	23, 24
2H11-P627	LOCA AUX RELAY LOGIC		P26	20A
H-27873	RUE802M01	REF 28	2P	25, 26
2H11-P650	CONDENSATE/BOOSTER PUMP RESTART LOGIC		P28	20A
H-23430	NBX8YM01	REF 46	2P	27, 28
2H21-P173	REMOTE SHUTDOWN PANEL 2H21-P173		P30	20A
H-27985	CKE806M01	REF 41	2P	29, 30
2T46-D001B	SBGT HEAT DETECTOR & WATER SPRAY DIV II		P32	30A
H-27922	TEE810M02	REF 61	2P	31, 32
2C82-P001	REMOTE SHUTDOWN PANEL 2C82-P001 (2B21 & 2E11)		P34	30A
H-27984	CKE802M01	REF 41	2P	33, 34
2R22-S004	4160V SWITCHGEAR BUS 2D FDR BREAKER CONTROL POWER		P36	70A
H-23506	RCX810M01	REF 24	2P	35, 36

BOUNDARY DIAGRAM NO.: 2R42-B01-02
FUNCTION(S) NO.: 2R42-01, 2R42-07
PREPARED BY: Mark Crisler
DATE: 04/16/98
REVIEWED BY: Renee Ritchey
DATE: 04/28/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2R42,2R22,2R23,2R25 ACAD14 HL2339002



LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
 SINGLE LINE DIAGRAM
 125/250V DC STATION SERVICE
 DIVISION II 2R42A - MPL 2R25-S002

DATE	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
	BKN	LCF		

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