Admin RO Ala PAGE 1 OF 4

OPERATOR:	
RO SRO _	DATE:
JPM NUMBER:	Admin RO A1a
TASK NUMBER:	U-000-AD-17
TASK TITLE:	Determine Adequate Performance of License Reactivation
K/A NUMBER: 2.1.4	K/A RATING: RO 3.3
TASK STANDARD:	Determine which of the reactivating personnel have correctly completed the reactivation requirements.
LOCATION OF PERI	FORMANCE: Class Room
REFERENCES/PROC	CEDURES NEEDED: OPDP-10
VALDATION TIME:	10 minutes
MAX. TIME ALLOW	TED: (Completed for Time Critical JPMs only)
PERFORMANCE TIM	ME:
Additional comment s	heets attached? YES NO
RESULTS: SATIS	FACTORY UNSATISFACTORY
SIGNATURE:	DATE:

### **INITIAL CONDITIONS:**

3 off-shift licensed personnel are returning to shift from rotating assignments and are reactivating their licenses. The following table gives information as to hours worked under direction of an activated licensee, tours performed, etc.

<u></u>	1	T -	<u> </u>			1	·	
License	Pre-activation Meeting	Shift 1	Shift 2	Shift 3	Shift 4	Shift 5	Shift 6	Plant Tour
RO1	Ops Training Manager Shift Manager	12 hrs U-3 RO	12 hrs U-3 RO	12 hrs U-1 RO	12 hrs tagging UO RO	12 hrs U-2 RO	12 hrs U-2 RO	Per SM instructions conducted complete plant tour with STA (SRO)
RO2	Ops Training Manager Ops Superintendent	12 hrs U-2 RO	12 hrs U-2 RO Called for Random Drug test during shift – missed end of shift turnover	12 hrs U-1 RO	12 hrs U-3 RO	12hrs U-3 RO		Per SM instructions conducted complete plant tour with extra RO assigned to that shift crew
RO3	Ops Training Manager Ops Superintendent	12 hrs U-2 RO	12 hrs U-2 RO	12 hrs U-3 RO	12 hrs U-3 RO	12 hrs U-1 RO		Conducted complete plant tour with U-2 RB AUO

### **INITIATING CUE:**

The Shift Manager has tasked you to determine which of the personnel, if any, have completed the requirements for license reactivation. If any personnel do not meet the requirements for license reactivation state the reason(s) why.

Admin RO Ala PAGE 3 OF 4

START TIME ********************************	********
	ritical X Not Critical
Analyzes information provided to determine which personnel m license reactivation.	neet the requirements for
Standard:	
Determines RO 2 meets the requirements for license reactivation	n.
SAT UNSAT N/A COMMENTS:	
**************************************	**************************************
States the reason why RO1 does not meet the requirements for	license reactivation.
Standard:	
RO1 did not interview with Ops Superintendent contrary to O	PDP-10.
SAT UNSAT N/A COMMENTS:	
**************************************	**************************************
States the reason why RO3 does not meet the requirements for	license reactivation.
Standard:	
RO3 performed plant tour with a non-licensed person contrary	to OPDP-10
SAT UNSAT N/A COMMENTS:	
END OF TASK	

STOP TIME \_\_\_

#### **INITIAL CONDITIONS:**

3 licensed personnel are returning to shift from rotating assignments and are reactivating their licenses. The following table gives information as to hours worked under direction of an activated licensee, tours performed, etc.

License	Pre- activation Meeting	Shift 1	Shift 2	Shift 3	Shift 4	Shift 5	Shift 6	Plant Tour	Performance Step
RO1	Ops Training Manager Shift Manager	12 hrs U-3 RO	12 hrs U-3 RO	12 hrs U-1 RO	12 hrs tagging UO RO	12 hrs U-2 RO	12 hrs U-2 RO	Per SM instructions conducted complete plant tour with STA (SRO)	Does Not Meet
RO2	Ops Training Manager Ops Superintendent	12 hrs U-2 RO	12 hrs U-2 RO Called for Random Drug test during shift — missed end of shift turnover	12 hrs U-1 RO	12 hrs U-3 RO	12hrs U-3 RO		Per SM instructions conducted complete plant tour with extra RO assigned to that shift crew	Meets requirements
RO3	Ops Training Manager Ops Superintendent	12 hrs U-2 RO	12 hrs U-2 RO	12 hrs U-3 RO	12 hrs U-3 RO	12 hrs U-1 RO		Conducted complete plant tour with U-2 RB AUO	Does Not Meet

#### **INITIATING CUE:**

The Shift Manager has tasked you to determine which of the personnel, if any, have completed the requirements for license reactivation. If any personnel do not meet the requirements for license reactivation state the reason(s) why.

Admin SRO Ala PAGE 1 OF 4

OPERATOR:			
RO	SRO_	DATE:	<del></del>
JPM NUMBE	R:	Admin SRO A1a	
TASK NUMB	BER:	U-000-AD-17	
TASK TITLE:	:	Determine Adequate Perform	mance of License Reactivation
K/A NUMBEI	R: 2.1.4	K/A RATING:	SRO 3.8
TASK STANI	DARD:	Determine which of the reactivation requirement	ctivating personnel have correctly completed ts.
LOCATION C	OF PER	FORMANCE: Class Room	
REFERENCE	S/PRO	CEDURES NEEDED: OPDP	-10
VALDATION	TIME:	15 minutes	
MAX. TIME A	ALLOW	/ED: (Completed for Time C	ritical JPMs only)
PERFORMAN	NCE TI	ME:	
COMMENTS:	•		
Additional con	nment s	heets attached? YES N	0
RESULTS:	SATIS	FACTORY UNSA	ATISFACTORY
SIGNATURE:	<del> </del>	FYAMINER	DATE:

### **INITIAL CONDITIONS:**

6 off-shift licensed personnel are returning to shift from rotating assignments and are reactivating their licenses. The following table gives information as to hours worked under direction of an activated licensee, tours performed, etc.

License	Pre-activation Meeting	Shift 1	Shift 2	Shift 3	Shift 4	Shift 5	Shift 6	Plant Tour
SRO1	Ops Training Manager Ops Superintendent	12 hrs U-1 SRO	12 hrs U-2 SRO		12 hrs U-2 SRO	12 hrs U-2 SRO		Conducted complete plant tour with SM
SRO2	Ops Training Manager Ops Superintendent	12 hrs U-2 SRO	12 hrs U-2 SRO	12 hrs U-3 SRO		12 hrs STA		Per SM instructions conducted complete plant tour with Outside US (SRO)
SRO 3	Ops Training Manager Ops Superintendent		12 hrs U-1 SRO	12 hrs U-1 SRO	12 hrs U-1 SRO	12 hrs U-2 SRO	12 hrs WCC SRO	Per SM instructions conducted complete plant tour with STA (SRO)

#### **INITIATING CUE:**

The Shift Manager has tasked you to determine which of the personnel, if any, have completed the requirements for license reactivation. If any personnel do not meet the requirements for license reactivation state the reason(s) why.

Admin SRO Ala PAGE 3 OF 4

START TIME
**************************
Performance Step 1: Critical X Not Critical
Analyzes information provided to determine which personnel meet the requirements for license reactivation.
Standard:
Determines SRO 1 and 3 meet the requirements for license reactivation.
SAT UNSAT N/A COMMENTS:
************************
Performance Step 2: Critical X Not Critical
States the reason why SRO2 does not meet the requirements for license reactivation.
Standard:
SRO 2 did not complete "shift 5" under the supervision of an active licensed individual in the position (Shift Manager or Unit Supervisor as applicable for SROs), therefore he did not meet his 40 hour requirement
SAT UNSAT N/A COMMENTS:
END OF TASK
STOP TIME

\*

#### **Class Room**

### ANSWER KEY

#### **INITIAL CONDITIONS:**

6 licensed personnel are returning to shift from rotating assignments and are reactivating their licenses. The following table gives information as to hours worked under direction of an activated licensee, tours performed, etc.

License	Pre-activation Meeting	Shift 1	Shift 2	Shift 3	Shift 4	Shift 5	Shift 6	Plant Tour	Performance Step
SRO1	Ops Training Manager Ops Superintendent	12 hrs U-1 SRO	12 hrs U-2 SRO		12 hrs U-2 SRO	12 hrs U-2 SRO		Conducted complete plant tour with SM	Meets requirements
SRO2	Ops Training Manager Ops Superintendent	12 hrs U-2 SRO	12 hrs U-2 SRO	12 hrs U-3 SRO		12 hrs STA		Per SM instructions conducted complete plant tour with Outside US (SRO)	Does Not Meet
SRO 3	Ops Training Manager Ops Superintendent		12 hrs U-1 SRO	12 hrs U-1 SRO	12 hrs U-1 SRO	12 hrs U-2 SRO	12 hrs WCC SRO	Per SM instructions conducted complete plant tour with STA (SRO)	Meets requirements

#### **INITIATING CUE:**

The Shift Manager has tasked you to determine which of the personnel, if any, have completed the requirements for license reactivation. If any personnel do not meet the requirements for license reactivation state the reason(s) why.

OPERATOR	•		
RO	SRO_	DATE:	
JPM NUMBI	ER:	Admin RO A1b	
TASK NUMI	BER:	Conduct of Operations	
TASK TITLE	E:	2-SR-2 ICS Computer points	
K/A NUMBE	ER: 2.1.1	19 K/A RATING: RO 3.9	
TASK STAN	DARD:	: Perform Operator logs using ICS screens in accordance w Instrument Checks and Observations for log tables 1.1, 1. Verify acceptance criteria are satisfied in accordance with	6, 1.25, and 1.30.
LOCATION (	OF PERI	RFORMANCE: Unit 2 Simulator (ICS computer terminal)	
REFERENCE	ES/PROC	OCEDURES NEEDED: 2-SR-2 Rev 71	
VALIDATIO:	N TIME	E: 20 minutes	
MAX. TIME	ALLOW	WED: (Completed for Time Critical JPMs only)	
PERFORMA	NÇE TII	IME:	
COMMENTS	S:		
Additional con	mment s	sheets attached? YES NO	
RESULTS:	SATIS	SFACTORY UNSATISFACTORY	
SIGNATURE	•	DATE: EXAMINER	

**INITIAL CONDITIONS**: You are a Unit Operator assigned to Unit 2, and it is Friday morning at 0800. 2-SR-2, Instrument Checks and Observations, is being performed. All 2-SR-2 instrument checks and observations are complete with the exception of table 1.1, 1.6, 1.25, and 1.30.

**INITIATING CUE**: The Unit Supervisor directs you as the Unit Operator to complete 2-SR-2 for tables 1.1, 1.6, 1.25 and 1.30, utilizing only the ICS computer to obtain data

Adn	niı	n R	0	A	Lk
PAGE	3	OF	1	. 0	

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Simulator	

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**INITIAL CONDITIONS**: You are a Unit Operator assigned to Unit 2, and it is Friday morning at 0800. 2-SR-2, Instrument Checks and Observations, is being performed. All 2-SR-2 instrument checks and observations are complete with the exception of table 1.1, 1.6, 1.25, and 1.30.

**INITIATING CUE**: The Unit Supervisor directs you as the Unit Operator to complete 2-SR-2 for tables 1.1, 1.6, 1.25 and 1.30, utilizing only the ICS computer to obtain data

START TIME		
*****************	*****	******
Performance Step 1:	Critical $\underline{X}$	Not Critical
Refers to 2-SR-2, Instrument Checks and Observations, table	e 1.1	

TABLE 1.1	CORE	THERMAL POV	VER AND CORE	POWER DI	STRIBUTION	DAY SHIFT	WEEK:	to _		
APPLICABILITY	: Mode	1 when ≥ 25% R	TP							
	Recon	d the readings as	soon as possib	ie after the g	enerator breaker	has been closed.				
Criteria Source:	3.2.1.1	I; 3.2.2.1; 3.2.3.1	; DEFINITIONS	SECTION 1.	1 - FSAR 3.7.7				-	
LOCATION:	ICS C	omputer (Case S	ummary - CSUA	<b>A</b> )					Review	/ Initials
		Core	Percent							
DAY	TIME	Thermal	Power	LIMIT	MFLCPR	MAPRAT	MFDLRX	LIMIT	Unit	
DAY	Note 2	Power (MWt)	(% RTP)	(AC)	(Note 3)	(Note 3)	(Note 3)	(AC)	Operator	Unit Supvr
	0800 1000									
	1200									
Friday	1400									
	1600					<del>                                     </del>		<b></b>		<u> </u>
	1800									<b></b>
	0800		***************************************							
	1000							-1		
Catalana .	1200							-		
Saturday	1400							-1		l
	1600									
	1800			Notes				Notes		
	0800			1&2				3, 4, & 5		
	1000									i
Sunday	1200									
	1400									
	1600					ļ				
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	1000							_		
	1200		*****					4		
Monday	1400	<del> </del>								
	1600		***************************************							<u> </u>
	1800							⊣		
				NOTI	S ARE FOLLOW	WING THE TABLE	ži	· · · · · · · · · · · · · · · · · · ·		

### Standard:

Selects SR-2 Group Display from the Group Display menu OR types the code "CSUM" on ICS computer to obtain data and completes table 1.1 Data for Friday at 0800, Records 3456 for MWt, 100% for RTP, .899 for MFLCPR, .672 for MAPRAT and .769 for MFDLRX

SAT	UNSAT	. N/A	_COMMENTS:_	 		

### Performance Step 2:

### Critical X Not Critical

(1) Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:

- A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
- B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 MWt. (This isimplemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
- C. The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
- D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
- E. IF power is > 3463, REDUCE power.
- F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
- G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- (2) Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Unit Supervisor/SRO and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- (3) A. Consult the Reactor Engineer when value ≥ 0.955. Refer to 0-TI-248 for Administrative Limits.
  - B. Consult the Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
  - C. Consult the Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.
- (4) If any Turbine Bypass valve(s) are inoperable or a Recirculation Loop is out of service, contact the Reactor Engineer and refer to the COLR for Turbine Bypass Out of Service (TBOOS) or Single Loop Operation (SLO) limits which must be applied.
- (5) MAPRAT within limits is used to verify that all APLHGRs are within the limits specified within the COLR, and <.850. MFDLRX within limits is used to verify that all LHGRs are within the limits specified within the COLR. MFLCPR within limits is used to verify that all MCPRs are within the limits specified within the COLR, and < .970 when core thermal power is > 90% RTP.

#### Standard:

Initial for Unit Operator for Friday	at 0800 when acceptance	criteria is verified in
accordance with above notes.		

SAT UNSAT N/A COMMENTS:	

************	************
Performance Step 3:	Critical X Not Critical

## Refers to 2-SR-2, Instrument Checks and Observations, table 1.6

TABLE 1.6	HEAT B	HEAT BALANCE RELATED ICS ALARM SETPOINTS (Note 1) DAY SHIFT WEEK to the second									
APPLICABILI		when > 25% I 3D the reading			) le generator breat	ker has been c	iosed.				
Criteria Sourc	e: SFPER	951914									
LOCATION:	ಕಿ೦ ಅ೦ಕ	mputer								Revis	w initials
			ICS Points	i			Verity	y HI and Hil HI ata	rm setpoints listed in		
	3-48A (°F)	3-488 (°F)	3-50A (°F)	3-508 (°F)	N330017 ("F)	MAX DEV Note 2	Table 1.1	B.1 & 1.B.2 are N SAT / UNS	IOT exceeded. (Note : IAT / N/A,	uo uo	Umit Supvi
Friday											
Salurday						] ]					
Sunday						Ţ i					
Monday						275					·
Tuesday						I					
Wednesday											
Thursday						T i					1

## Standard:

Selects SR-2 Group Display from the Group Display menu OR types the specific codes for each ICS point into the "Single Value Display" (for example: 3-48A, 3-48B, etc...) and completes table 1.6 Data for Friday. Records 377.2 for listed ICS points

SAT	_UNSAT	N/A	_COMMENTS:			****
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### Performance Step 4:

Critical X Not Critical

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- (2) A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- (3) An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits, Site Engineering will be notified for assistance.

	TABLE 1.B.	1	
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM
CALCO20	Rx Power 30 Min Avg.	3458	3463
CALCO21	Rx Power 1 Hr. Avg.	3458	3461
CALCO83	Rx Power 2 Hr. Avg.	3458	3459
CALCO98	Generator Power	1185	1190
CALCO26	Efficiency	35	36
CALCO27	Load Line	N/A	113.6
CALCO24	Rx Power %	100.2	100.5

TABLE 1.8.2								
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM					
3-48A	FW Temp	382	385					
3-488	FW Temp	382	386					
3-50A	FW Temp	382	386					
3-506	FW Temp	382	385					
NSS0017	Avg. FW Temp.	382	386					
CONS0400	Total RWCU Flow	0.15	N/A					

#### Standard:

Documents Sat and initials for Unit Operator for Friday when Maximum Deviation between Feedwater temperature computer points are within 2 degrees (Note 2) and the conditions of Note 3 are satisfied IAW with tables 1.B.1 and 1.B.2.

SAT	UNSAT	N/A	COMMENTS:	

	orma	nce S	Step :	<u>5:</u>									Critic	al <u>X</u> No	ot Critic	al
TABL	R		to 2		-	strum	nent (	Chec	ks an	d Ob	servatio	ns, tabl	e 1.25		to.	
APPL	LICABILIT		lodes 1 &													
Criter	ria Source		leadings a Technical R				.5.3									
LOCA	ATION:		anel 2-9-1								***************************************		-		Revie	w Initials
						LPRMS I	SYPASSE te 1)	D			Total #	# of LPRM				
			APRM	LPRM	APRM	LPRM	APRM	LPRM	APRM	LPRM	LPRMs Bypassed	readings < 3% on ICS	MAX DEV	All Data		
	nday	TIME 0800	#2	#2	#4	#4	#3	#3	#1	#1	(Note 2)	(Note 3)	(AC)	SAT/UNSAT	uo	Unit Supvr
-	turday	0800			<u> </u>				<b>-</b>							
Su	inday	0800						1	<b>1</b>				D			
Mo	onday	0000											(Note 4)			
	esday	0800							ļ				(11012 4)			
	nesday Irsday	0080 0080					<u> </u>	ļ								
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Stanc	dard:	_														
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SAT	J	JNS A	AT_	N/	Ά	CO	MM	<b>ENT</b>	S:							
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****	***	***	****	****	***	***	****	****	****	****	*****	*****	*****	******	*****	*****
Perfo	rma	nce S	Step 6	5:									Critic	al X No	t Critic	al .
				_									011010	<u> </u>		
(1)	Re	ecord		or of	LPRN				e four	APR	M and L	PRM cah	inets as	observed a	it Panel 1	
` '	ad					r and	recore	d as T			Ms Bypa:				it I allol a	2-9-14.
		d the	se valı	ies to	gethe				otal #	LPRI	As Bypa:	ssed.				
(2)	L	ld thes ess th	se valı an 20	ies to LPRI	gethe Ms in	OPE	RATE	E or L	otal #	LPRN an 3 pe	Ms Bypas er level f	ssed. or any Al	PRM wi	ll result in	a Rod B	lock and a
	L	ld thes ess th	se valı an 20	ies to LPRI	gethe Ms in	OPE	RATE	E or L	otal #	LPRN an 3 pe	Ms Bypas er level f	ssed. or any Al	PRM wi	ll result in	a Rod B	lock and a
	L	d these ess thouble	se valı an 20	les to LPRI on th	gethe Ms in e disp	OPE)	RATE	E or L	otal #	LPRN an 3 pe	Ms Bypas er level f	ssed. or any Al	PRM wi		a Rod B	lock and a
	L	d these ess thouble	se valı an 20 alarm	les to LPRI on th	gethe Ms in e disp	OPE)	RATE	E or L	otal #	LPRN an 3 pe	Ms Bypas er level f	ssed. or any Al	PRM wi	ll result in	a Rod B	lock and a
	L tro	d these ess the ouble e asso	se valu an 20 alarm ciated	LPRI on th	gethe Ms in le disp RM IN	OPEI olay p iOP.	RATE anel.	E or L This c	otal # ess that loes n	LPRM an 3 po ot yiel	Ms Bypas er level f d an auto	or any Alomatic Al	PRM wi PRM tri <sub>l</sub>	ll result in	a Rod B , howeve	lock and a
(2)	L tro th	ess thouble e asso	se valu an 20 alarm ociated numb	LPRI on th I APR	gethe Ms in e disp RM IN	OPEI olay p iOP. Is rea	RATE anel. '	E or Land	otal # ess that loes n han 3%	LPRM an 3 po ot yiel 6 on th	Ms Bypas er level f d an auto ne LPRM	or any Alomatic Al	PRM wi PRM tri <sub>l</sub> or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a
(2)	L tro th Re	ess thouble e asso	an 20 alarm ciated numb	LPRI on the APRI or of a not r	gethe Ms in the disp RM IN LPRN require	OPEllolay policy	RATE anel. 'ding l	E or L This c	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
(2)	L tro th Re	ess thouble e asso	an 20 alarm ciated numb	LPRI on the APRI or of a not r	gethe Ms in the disp RM IN LPRN require	OPEllolay policy	RATE anel. 'ding l	E or L This c	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
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(2)	L tro th Ro M sh	ess the buble e associated AX Double le associated AX Double le associated le associat	an 20 alarm ciated numb	LPRI on the APR er of some roter	gethe Ms in le disp RM IN LPRM require to the	OPEIDIAY policy policy for the control of the contr	RATE anel. ding be meeter E	E or La This contents the contents of the cont	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
(2) (3) (4)	L tro th Re M sh of	ess the buble e asso ecord  AX Double the buble e asso ecord the buble ecord t	an 20 alarm ciated numb	LPRI on the APR er of some roter	gethe Ms in le disp RM IN LPRM require to the	OPEIDIAY policy policy for the following polic	RATE anel. ding be meeter E	E or La This content less that the twhengine	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
(2)	L tro th Re M sh of	ess the buble e asso ecord  AX Double the buble e asso ecord the buble ecord t	an 20 alarm ciated numb	LPRI on the APR er of some roter	gethe Ms in le disp RM IN LPRM require to the	OPEIDIAY policy policy for the following polic	RATE anel. ding be meeter E	E or La This content less that the twhengine	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
(2) (3) (4)	L tro th Re M sh of	ess the buble e asso ecord  AX Double the buble e asso ecord the buble ecord t	an 20 alarm ciated numb	LPRI on the APR er of some roter	gethe Ms in le disp RM IN LPRM require to the	OPEIDIAY policy policy for the following polic	RATE anel. ding be meeter E	E or La This content less that the twhengine	otal # ess that loes n nan 3%	LPRM an 3 poot yiel 6 on th	Ms Bypaser level f d an auto ne LPRM Is are do	or any Al omatic Al printout wnscale;	PRM wi PRM trip or displ	ll result in o, but does ay on ICS.	a Rod B , howeve	lock and a er, make
(2) (3) (4)	L tro th Ro M sh of dard:	ess thouble e associated AX E ould be LPRI	an 20 alarm ociated numb DEV is DEV rep M's re	LPRI on the APR er of anot re orted ading	gethe Ms in the disp RM IN LPRM require to the control less t	OPEI olay points. In read to be Read to be Read to be the series and the series are the series a	RATE anel. ding in the me tor E % on	E or La This of less that when gine ICS.	ess that loes name and 3% on the er. Th	LPRN an 3 po ot yiel 6 on th APRN e total	of supposed of the supposed of	or any Al omatic Al printout wnscale; of LPRM	PRM wi PRM trip or displ howeve I's bypas	ll result in o, but does ay on ICS.	a Rod B, however	lock and a er, make nsistencies number
(2) (3) (4)	L tro th Ro M sh of dard:	ess theouble e associated AX E ould I	an 20 alarm ociated numb DEV is DEV rep M's re	LPRI on the APR er of anot re orted ading	gethe Ms in the disp RM IN LPRM require to the control less t	OPEI olay points. In read to be Read to be Read to be the series and the series are the series a	RATE anel. ding in the me tor E % on	E or La This of less that when gine ICS.	ess that loes name and 3% on the er. Th	LPRN an 3 po ot yiel 6 on th APRN e total	of supposed of the supposed of	or any Al omatic Al printout wnscale; of LPRM	PRM wi PRM trip or displ howeve I's bypas	ll result in o, but does ay on ICS.  r, unexpects as a shall a	a Rod B, however	lock and a er, make nsistencies number

*************	*************
Performance Step 7:	Critical X Not Critical

### Refers to 2-SR-2, Instrument Checks and Observations, table 1.30

TABLE 1.30	ABLE 1.30 REACTOR VESSEL STEAM DOME PRESSURE INSTRUMENTATION							DAY SHIFT			to	to	
APPLICABILIT	ry:		des 1 & 2 adings are	required at a	li times.								
Surveillance R	equirements	3.3	.1.1.1(13), 3	3.3.3.1.1, 3.4	.10.1								
LOCATION: ICS (Note 1 & 4)					2 <del>-9-</del> 86	2 <del>-9-</del> 85	2-9-64	2 <del>-9</del> -53			Review		w initials
Reference	ce TIME				D	С	В	A	MAX				
Leg	(Note 4)	3-74A	3-748	(AC)	2-PIS-3-22D	2-PIS-3-22C	2-PIS-3-2258	2-PIS-3-22AA	DEV (AC)	MAX LIMIT	All Data SAT/UNSAT	υo	Unit Supvr
Friday	0800												
Saturday	0800								1				
Sunday	0800								1				
Monday	0800			40 psig (Note 2)					60 psig (Note 2)	Note 3 Note 5			
Tuesday	0800			]					1				
Wednesday	0060												
Thursday	0800												

## Standard:

Selects SR-2 Group Display from the Group Display menu OR types the specific codes for each ICS point into the "Single Value Display" (for example: 3-74A, 3-74B, etc...) and completes table 1.30 Data for Friday. Records approximately 1050 psig for ICS point 3-74A and approximately 1005 psig for ICS point 3-74B.

SAT	UNSAT	. N/A	COMMENTS:		
					***************************************

****	*****************************
Perfor	mance Step 8: Critical X Not Critical
(1)	These readings may be obtained from ICS using the Single Value Display or from the ATU output voltage translated into a PRESSURE Signal for the specific instruments. For ICS, type in "SVD" for Single Value Display, enter the point desired as "3-74A", record reading, select F4, enter "3-74B", record the second reading.
(2)	3-74A and 3-74B have a Maximum allowable deviation of 40 psig, AND 2-PIS-3-22D, -PIS-3-22C, 2-PIS 3-22BB, & 2-PIS-3-22AA, have a Maximum allowable deviation of 60 psig. No comparison is required between the 3-74A(B) and 2-PIS-3-22D(C)(BB)(AA).
(3)	3-74A and 3-74B SHALL be $\leq$ 1050 psig. 2-PIS-3-22D, 2-PIS-3-22C, 2-PIS-3-22BB, & 2-PIS-3-22AA SHALL be $\leq$ 1090 psig.
(4)	3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument Room readings are not required to be taken at precisely 0800.
(5)	Following a change to Reactor Power and/or Pressure, verify the Steam Dome Limits are within the 0-TI-248, Administrative Limits and Design Analysis Limits (Appendix S)
Standa	<u>ırd:</u>
	Reviews notes and documents UNSAT and initials for Unit Operator for Friday when the conditions of Notes 2 and 3 are reviewed.
SAT_	_UNSAT N/ACOMMENTS:

END OF TASK

STOP TIME \_\_\_

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APPLICABILITY	Mode	1 when ≥ 25% R	IF.							
				le after the ge	enerator breaker	has been closed.				2
Criteria Source:	3.2.1.1	; 3.2.2.1; 3.2.3.1	; DEFINITIONS	SECTION 1.	1 - FSAR 3.7.7					
OCATION:	ICS C	omputer (Case S	ummary - CSUN	A)					Reviev	v Initials
		Corc	Percent							,
	TIME	Thermal	Power	LIMIT	MFLCPR	MAPRAT	MFDLRX	LIMIT	Unit	
DAY	Note 2	Power (MWt)	(% RTP)	(AC)	(Note 3.A)	(Note 3 B)	(Note 3 C)	(AC)	Operator	Unit Supv
	0800	3456.3	100.0		0.844	0.672	0.769		Dittials	
	1000									1.
Friday	1200									
, nady	1400									,
	1600									
	1800									
	0800								·	
	1000									į
Saturday	1200								•	,
	1400									
	1600									
	1800			Notes				Notes		ļ
	0800			1 & 2				3, 4, & 5		<u> </u>
	1000									ļ
Sunday	1200									1
·	1400									
	1600 1800							_		
	0800							_		
	1000									·
	1200									
Monday	1400							_		:
	1600									·
	1800									1



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- (1) Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:
  - A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
  - B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 MWt. (This is implemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
  - C. The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
  - D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
  - E. IF power is > 3463, REDUCE power.
  - F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
  - G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- (2) Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Shift Manager and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- (3) A. Consult the Reactor Engineer when value ≥ 0.955. Refer to 0-TI-248 for Administrative Limits.
  - B. Consult the Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
  - C. Consult the Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.



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TABLE 1.6		BALANCE REL	ATED TOO AL	THE TENT OF	¥1:5 (140t6 1)	UAI	SHIFT WEEK:			
APPLICABILIT		when ≥ 25% F								
~			s soon as pos:	sible after the	generator breake	rhas been clos	sed.			
Criteria Source	<del></del>	951914								
LOCATION:	ICS Co	mputer							Reviev	v Inițials
L			ICS Points				HI and HI F	Il alarm setpoints listed in		
	3-48A	3-48B	3-50A	3-50B	NSS0017	MAX		.2 are NOT exceeded. (Note 3)		Unit
	(°F)	(°F)	(°F)	(°F)	(°F)	DEV	SA	T / UNSAT / N/A	UO	\$upvr
Friday	গ্রা.2	<b>T</b> 1.2	<i>द्या.</i> 2	द्री.2	វា.2				Duitials	V
Saturday										
Sunday						2ºF				<u>'</u>
Monday						(Note 2)				
Tuesday						] ("""")			·	
Wednesday										
Thursday										

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- (2) A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- (3) An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits. Site Engineering will be notified for assistance.

	TABLE 1.B.1										
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM								
CALCO20	Rx Power 30 Min Avg.	3458	3463								
CALCO21	Rx Power 1 Hr. Avg.	3458	3461								
CALCO83	Rx Power 2 Hr. Avg.	3458	3459								
CALCO98	Generator Power	1185	1190								
CALCO28	Efficiency	35	36								
CALCO27	Load Line	N/A	113.6								
CALCO24	Rx Power %	100.2	100.5								

	TABLE 1.	B.2			
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM		
3-48A	FW Temp	382	386		
3-48B	FW Temp	382	386		
3-50A	FW Temp	382	386		
3-50B	FW Temp	382	386		
NSS0017	Avg: FW Temp.	382	386		
CONS0400	Total RWCU Flow	0.15	N/A		

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TABLE 1.25	Į	LPRM INSTRUMENTATION								DAY SHIFT		WEEK:	Thís week Next week		xt week
APPLICABILITY: Modes 1 & 2 Readings are required at all times.				<b>25</b> .											
Criteria Source	e: •	Technical R	equireme	nts Manua	I TSR 3.3.	5.3									<i>)</i>
LOCATION:	ſ	Panel 2-9-1	4 and ICS	Computer	r							***************************************		Revie	w Initials
				ŧ	LPRMs E (Not	YPASSE te 1)	D			Total # LPRMs	# of LPRM readings				1
DAY	TIME	APRM #2	LPRM #2	APRM #4	LPRM #4	APRM #3	LPRM #3	APRM #1	LPRM #1	Bypassed (Note 2)	≤ 3% on ICS (Note 3)	MAX DEV (AC)	All Data SAT/UNSAT	UO	Unit Supvr
Friday	0800	0	0	0	0	0	0	0	0	0	0		SAT	<b>Drittals</b>	
Saturday	0800					man promise and a second state of the second s						_			
Sunday	0800											0	_		
Monday	0800											(Note 4)			1
Tuesday	0800											(140le <del>1</del> )			
Wednesday	0800														
Thursday	0800														

- (1) Record number of LPRMs bypassed in the four APRM and LPRM cabinets as observed at Panel 2-9-14. Add these values together and record as Total # LPRMs Bypassed.
- (2) Less than 20 LPRMs in OPERATE or Less than 3 per level for any APRM will result in a Rod Block and a trouble alarm on the display panel. This does not yield an automatic APRM trip, but does, however, make the associated APRM INOP.
- (3) Record number of LPRMs reading less than 3% on the LPRM printout or display on ICS.
- (4) MAX DEV is not required to be met when the APRMs are downscale; however, unexpected inconsistencies should be reported to the Reactor Engineer. The total number of LPRM's bypassed shall equal the number of LPRM's reading less than 3% on ICS.

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TABLE 1.30	RE	ACTOR VE	SSEL STE	L STEAM DOME PRESSURE INSTRUMENTATION DAY SHIFT		SHIFT	This week			Next	Next week		
APPLICABILITY: Modes 1 & 2 Readings are required at all times.						u .		:					
Surveillance R	equirements	: 3.3	.1.1.1( <b>f3)</b> , 3	3.3.3.1.1, 3.4	l.10.1								<i>i</i>
LOCATION:		ICS (No	te 1 & 4)		2-9-86	2-9-85	2-9-84	2-9-83				Revie	w Initials
Reference	TIME			MAX DEV	D	С	В	Α	MAX DEV	MAX	All Data		
Leg	(Note 4)	3-74A	3-74B	(AC)	2-PIS-3-22D	2-PIS-3-22C	2-PIS-3-22BB	2-PIS-3-22AA	(AC)	LIMIT		UO	Unit;Supvr
Friday	0800	1050	1005		1035	1035	1035	1035		Note 3 Note 5	UNSAT	Intials	
Saturday	0800												
Sunday	0800												į
Monday	0800			40 psig (Note 2)					60 psig (Note 2)				i i
Tuesday	0800								, ,				
Wednesday	0800			·									
Thursday	0800												:

- (1) These readings may be obtained from ICS using the Single Value Display or from the ATU output voltage translated into a PRESSURE Signal for the specific instruments. For ICS, type in "SVD" for Single Value Display, enter the point desired as "3-74A", record reading, select F4, enter "3-74B", record the second reading.
- 3-74A and 3-74B have a Maximum allowable deviation of 40 psig, AND 2-PIS-3-22D, 2-PIS-3-22D, 2-PIS-3-22BB, & 2-PIS-3-22AA, have a Maximum allowable deviation of 60 psig. No comparison is required between the 3-74A(B) and 2-PIS-3-22D(C)(BB)(AA).
- (3) 3-74A and 3-74B SHALL be ≤ 1050 psig. 2-PIS-3-22D, 2-PIS-3-22C, 2-PIS-3-22BB, & 2-PIS-3-22AA SHALL be ≤ 1090 psig.
- (4) 3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument Room readings are not required to be taken at precisely 0800.
- (5) Following a change to Reactor Power or Pressure, verify the Steam Dome Limits are within the 0-TI-248, Administrative Limits and Design Analysis Limits (Appendix S)

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APPLICABILITY:  Criteria Source: LOCATION:	Record 3.2.1.1	1 when ≥ 25% R1 I the readings as	ΓP .							
	3.2.1.1	i ine readinds as								N.
			soon as possib	le after the go	enerator breaker	has been closed.				
ECCATION:		; 3.2.2.1; 3.2.3.1;			1 - FSAR 3.7.7					
	ICS Co	omputer (Case Si		<u>/I)</u>					Reviev	v Initials
		Corc	Percent					<b>.</b>		,
D.437	TIME	Thermal	Power	LIMIT	MFLCPR	MAPRAT	MFDLRX	LIMIT	Unit	
DAY	Note 2	Power (MWt)	(% RTP)	(AC)	(Note 3.A)	(Note 3.B)	(Note 3.C)	(AC)	Operator	Unit Supv
-	0800									
	1000									1
Fiiday	1200									<b>!</b>
í H	1400			l						
-	1600 1800									
	0800									<u> </u>
_	1000 1200									<del>                                     </del>
Saturday	1400							-		· · · · · · · · · · · · · · · · · · ·
H	1600							<b> </b>		<u> </u>
F	1800			Notes				Notes		ļ
<del></del>	0800			1 & 2				3, 4, & 5		<del></del>
_	1000			102				J, 4, & J		
<u> -</u>	1200									
Sunday -	1400							-		*
-	1600									
	1800									· · · · · · · · · · · · · · · · · · ·
	0000									
<b> </b>	1000									
,,,,,,,, <u> </u>	1200									
Monday —	1400									
	1600									
	1800		`							

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- (1) Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:
  - A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
  - B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 MWt. (This is implemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
  - C. The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
  - D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
  - E. IF power is > 3463, REDUCE power.
  - F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
  - G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Shift Manager and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- (3) A. Consult the Reactor Engineer when value ≥ 0.955. Refer to 0-TI-248 for Administrative Limits.
  - B. Consult the Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
  - C. Consult the Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.



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TABLE 1.6	HEAT E	BALANCE REL	ATED ICS AL	ARM SETPOI	NTS (Note 1)	DAY	SHIFT	WEEK: _	This week	n_Next	t week	i I
APPLICABILIT	Record	when ≥ 25% i the readings a 951914		sible after the	generator breake	r has been clo	sed.					,
LOCATION:	ICS Co										Reviev	v Initials
			ICS Points				Н	l and HI HI	alarm setpoints liste	ed in		
	3-48A (°F)	3-48B (°F)	3-50A (°F)	3-50B (°F)	NSS0017 (°F)	MAX DEV	Table 1.B.1 & 1.B.2 are NOT exceeded. (Note 3) SAT / UNSAT / N/A		UO	⊹Unit \$upvr		
Friday												
Saturday												i
Sunday						2°F						
Monday						(Note 2)						1
Tuesday						14010 2)						
Wednesday						]						
Thursday								·				1

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- (2) A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- (3) An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits. Site Engineering will be notified for assistance.

TABLE 1.B.1						
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM			
CALCO20	Rx Power 30 Min Avg.	3458	3463			
CALCO21	Rx Power 1 Hr. Avg.	3458	3461			
CALCO83	Rx Power 2 Hr. Avg.	3458	3459			
CALCO98	Generator Power	1185	1190			
CALCO26	Efficiency	35	36			
CALCO27	Load Line	N/A	113.6			
CALCO24	Rx Power %	100.2	100.5			

TABLE 1.B.2							
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM				
3-48A	FW Temp	382	386				
3-48B	FW Temp	382	386				
3-50A	FW Temp	382	386				
3-50B	FW Temp	382	386				
NSS0017	Avg. FW Temp.	382	386				
CONS0400	Total RWCU Flow	0.15	N/A				

******************Student	Handout	******	
**************************************	Handout	****	

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TABLE 1.25	!	LPRM INST	RUMENT	ATION						DAY SHIFT	г		hís week	Next w	
APPLICABILIT										,					
Criteria Source	2:	Technical F	Requireme	nts Manua	I TSR 3.3.	5.3								***************************************	
LOCATION:	}	Panel 2-9-1	4 and ICS	Computer	r									Review	v Initials
# LPRMs BYPASSED (Note 1)							Total #	Total # # of LPRM _PRMs readings							
DAY	TIME	APRM #2	LPRM #2	APRM #4	LPRM #4	APRM #3	LPRM #3	APRM #1	LPRM #1	Bypassed (Note 2)	≤ 3% on ICS (Note 3)	MAX DEV (AC)	All Data SAT/UNSAT	VO	Unit Supvr
Friday	0800	0	O	0	0	0	0	0	0						1
Saturday	0800											•			,
Sunday	0800											0			i i
Monday	0800											(Note 4)			,
Tuesday	0800											(1000 7)			i :
Wednesday	0800														
Thursday	0800														

- (1) Record number of LPRMs bypassed in the four APRM and LPRM cabinets as observed at Panel 2-9-14. Add these values together and record as Total # LPRMs Bypassed.
- (2) Less than 20 LPRMs in OPERATE or Less than 3 per level for any APRM will result in a Rod Block and a trouble alarm on the display panel. This does not yield an automatic APRM trip, but does, however, make the associated APRM INOP.
- (3) Record number of LPRMs reading less than 3% on the LPRM printout or display on ICS.
- (4) MAX DEV is not required to be met when the APRMs are downscale; however, unexpected inconsistencies should be reported to the Reactor Engineer. The total number of LPRM's bypassed shall equal the number of LPRM's reading less than 3% on ICS.

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# Attachment 2 (Page 34 of 87)

TABLE 1.30	RE	ACTOR VE	ESSEL STE	EAM DOME F	PRESSURE INSTR	RUMENTATION	DAY	SHIFT	WEEK:	Thís w	veekto	Next w	/eek
APPLICABILIT	ΓY:		des 1 & 2 adings are	required at a	all times.								
Surveillance R	equirements	: 3.3	.1.1.1(f3), 3	3.3.3.1.1, 3.4	.10.1				W				
LOCATION:		ICS (No	te 1 & 4)		2-9-86	2 <del>-9-</del> 85	2-9-84	2-9-83				Revie	w Initials
Reference	TIME			MAX DEV	D	С	В	А	MAX DEV	MAX	All Data		
Leg	(Note 4)	3-74A	3-74B	(AC)	2-PIS-3-22D	2-PIS-3-22C	2-PIS-3-22BB	2-PIS-3-22AA	(AC)	LIMIT	SAT/UNSAT	υo	Unit Supyr
Friday	0800				1035	1035	1035	1035					
Saturday	0800												i
Sunday	0800												
Monday	0800			40 psig (Note 2)					60 psig (Note 2)	Note 3 Note 5			
Tuesday	0800								, (,				
Wednesday	0800												,
Thursday	0800												:

- (1) These readings may be obtained from ICS using the Single Value Display or from the ATU output voltage translated into a PRESSURE Signal for the specific instruments. For ICS, type in "SVD" for Single Value Display, enter the point desired as "3-74A", record reading, select F4, enter \*3-74B", record the second reading.
- 3-74A and 3-74B have a Maximum allowable deviation of 40 psig, AND 2-PIS-3-22D, 2-PIS-3-22BB, & 2-PIS-3-22AA, have a Maximum allowable deviation of 60 psig. No comparison is required between the 3-74A(B) and 2-PIS-3-22D(C)(BB)(AA).
- (3) 3-74A and 3-74B SHALL be ≤ 1050 psig. 2-PIS-3-22D, 2-PIS-3-22C, 2-PIS-3-22BB, & 2-PIS-3-22AA SHALL be ≤ 1090 psig.
- (4) 3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument Room readings are not required to be taken at precisely 0800.
- (5) Following a change to Reactor Power or Pressure, verify the Steam Dome Limits are within the 0-TI-248, Administrative Limits and Design Analysis Limits (Appendix S)

OPERATOR	L:	
RO	SRO_	DATE:
JPM NUMB	ER:	Admin RO A1b
TASK NUM	BER:	Conduct of Operations
TASK TITLE	E:	3-SR-2 ICS Computer points
K/A NUMBI	ER: 2.1.1	9 K/A RATING: RO 3.9
TASK STAN	IDARD:	Perform Operator logs using ICS screens in accordance with 3-SR-2 Instrument Checks and Observations for log tables 1.1, 1.6, 1.25, and 1.30. Verify acceptance criteria is satisfied in accordance with notes.
LOCATION	OF PER	FORMANCE: Unit 3 Simulator (ICS computer terminal)
REFERENCI	ES/PRO	CEDURES NEEDED: 3-SR-2 Rev 68
VALIDATIO	N TIME	: 20 minutes
MAX. TIME	ALLOW	/ED: (Completed for Time Critical JPMs only)
PERFORMA	NCE TI	ME:
COMMENTS	S:	
Additional co		heets attached? YES NO
RESULTS:	SATIS	FACTORY UNSATISFACTORY
SIGNATURE	Ξ:	EXAMINER DATE:

**INITIAL CONDITIONS**: You are a Unit Operator assigned to Unit 3, and it is Friday morning at 0800. 3-SR-2, Instrument Checks and Observations, is being performed. All 3-SR-2 instrument checks and observations are complete with the exception of table 1.1, 1.6, 1.25, and 1.30.

**INITIATING CUE**: The Unit Supervisor directs you as the Unit Operator to complete 3-SR-2 for tables 1.1, 1.6, 1.25 and 1.30, utilizing only the ICS computer to obtain data

Admi	Ln	RO	A1k
PAGE	3	OF	10

\*

**Simulator** 

\*

**INITIAL CONDITIONS**: You are a Unit Operator assigned to Unit 3, and it is Friday morning at 0800. 3-SR-2, Instrument Checks and Observations, is being performed. All 3-SR-2 instrument checks and observations are complete with the exception of table 1.1, 1.6, 1.25, and 1.30.

**INITIATING CUE**: The Unit Supervisor directs you as the Unit Operator to complete 3-SR-2 for tables 1.1, 1.6, 1.25 and 1.30, utilizing only the ICS computer to obtain data

START TIME		
*****************	******	******
Performance Step 1:	Critical $\underline{X}$	Not Critical

Refers to 3-SR-2, Instrument Checks and Observations, table 1.1

APPLICABILITY	: Mode	1 when 2 25% RT	P (Refer to P&L 3	tep 3.5A)			WEEK:			
	RECO	RD the readings a	is soon as possible	after the p	enerator breaker	has been closed.				
Criteria Source:	3.2.1.1	; 3.2.2.1; 3.2.3.1;	DEFINITIONS SE	CTION 1.1 -	FBAR 3.7.7				***************************************	
LOCATION:		omputer (Case Su							Review	inMais
DAY	TIME Note 2	Core Thermal Power (MWt)	Percent Power (% RTP)	LIMIT (AC)	MFLCPR Note 3	MAPRAT Note 3	MFDLRX Note 3	LIMIT (AC)	Unit Operator	Unit
	0800									
	1000			] [				_		
Friday	1200			] [						
roway	1400			] [			***************************************	_		
	1600			] [						
	1800			] [						
Saharday	0800			l T	7.23					
	1000			1 [						
	1200			1 [				_		
	1400			1 [						
	1600			ΙΓ						
	1800			Notes 1				Notes		
	0800			8.2				3, 4, &		
	1000			] [				<b>–1</b> ,		
Sunday	1200			] [				7		
04,045	1400			] [						
	1600			] [						
	1800									
	0800			ΙĪ						
	1000			l l						
Monday	1200			! [			***************************************			
munday	1400			1 [		***********				
	1600			! T						
	1800			i				_		

## Standard:

Selects SR-2 Group Display from the Group Display menu OR types the code "CSUM" on ICS computer to obtain data and completes table 1.1 Data for Friday at 0800, Records 3456 for MWt, 100% for RTP, .878 for MFLCPR, .780 for MAPRAT, and .854 for MFDLRX

SAT	UNSAT	_N/A	_COMMENTS:_	

***********************************
-------------------------------------

### Performance Step 2:

### Critical X Not Critical

- (1) Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:
  - A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
  - B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 MWt. (This isimplemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
  - C. The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
  - D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
  - E. IF power is > 3463, REDUCE power.
  - F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
  - G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Unit Supervisor/SRO and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- A. Consult Reactor Engineer when value ≥ 0.965. Refer to 0-TI-248 for Administrative Limits.
   B. Consult Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
   C. Consult Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.
- (4) If any Turbine Bypass valve(s) are inoperable or a Recirculation Loop is out of service, contact the Reactor Engineer and refer to the COLR for Turbine Bypass Out of Service (TBOOS) or Single Loop Operation (SLO) limits which must be applied.
- (5) MAPRAT within limits is used to verify that all APLHGRs are within the limits specified within the COLR, and < 0.850.</p>
  MFDLRX within limits is used to verify that all LHGRs are within the limits specified within the COLR.
  MFLCPR within limits is used to verify that all MCPRs are within the limits specified within the COLR, and < 0.980 when thermal power is > 90% RTP.

#### Standard:

Initial for Unit Operator for Friday	at 0800 when accepta	ince criteria is verified in
accordance with above notes.		

SAT	UNSAT	N/A	COMMENTS:		
-			<del></del>	 	 

Admi	.n	RO	A1b
PAGE	6	OF	10

*************	***************
Performance Step 3:	Critical X Not Critical

## Refers to 3-SR-2, Instrument Checks and Observations, table 1.6

Criteria Sourc		RD the reading 1951914	s as soon as p	ossible after th	ie generator breat	er has been c	losed.		
LOCATION:	108 Co	mputer						Review	w Initials
	ICS Points						Verify HI and Hi HI alarm setpoints listed in		T
	3-48A ("F)	3-48B (*F)	3-50A (*F)	3-508 (°F)	N220017 (°F)	MAX DEV Note 2	Table 1.B.1 & 1.B.2 are NOT exceeded. (Note 3) SAT / UNSAT / N/A	uo	Unit Supv
Friday									
Saturday						[ ]			1
Sunday									
Monday						2°F			1
Tuesday									
Wednesday									
Thursday						1 1			<del>                                     </del>

### Standard:

Selects SR-2 Group Display from the Group Display menu OR types the specific codes for each ICS point into the "Single Value Display" (for example: 3-48A, 3-48B, etc...) and Completes table 1.6 Data for Friday. Records 377.2 for listed ICS points

SAT	UNSAT	N/A	COMMENTS:	•	

\*

## Performance Step 4:

Critical X Not Critical

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits, Site Engineering will be notified for assistance.

	TABLE 1.B.	1	
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM
CALCO20	Rx Power 30 Min Avg.	3458	3463
CALCO21	Rx Power 1 Hr. Avg.	3458	3461
CALCO83	Rx Power 2 Hr. Avg.	3458	3459
CALCO98	Generator Power	1185	1190
CALCO26	Efficiency	35	36
CALCO27	Load Line	N/A	113.6
CALCO24	Rx Power %	100.2	100.5

TABLE 1.B.2							
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM				
3-48A	FW Temp	382	386				
3-48B	FW Temp	382	386				
3-50A	FW Temp	382	386				
3-508	FW Temp	382	386				
NSS0017	Avg. FW Temp.	382	386				
CONS0400	Total RWCU Flow	0.168	N/A				

#### Standard:

Documents Sat and initials for Unit Operator for Friday when Maximum Deviation between Feedwater temperature computer points are within 2 degrees (Note 2) and the conditions of Note 3 are satisfied IAW with tables 1.B.1 and 1.B.2.

SAT	UNSAT	N/A	COMMENTS:	

<u>Perfor</u>	rma	nce :	Step :	<u>5:</u>									Critic	cal <u>X</u> No	ot Critic	cal
TABLE			s to 3			strun	nent (	Chec	ks an	d Ob		ons, tabl	e 1.25			
***************************************	ABILITY	γ: Ν F	fodes 1 & : leadings a Refer To P	2 re require	d at all tim	es.					DAY SHIFT		MEEK:		_ to	
Criteria	Source:		echnical R			TSR 3.3	5.3									
LOCAT	ION:	F	anel 3-9-1	4 and ICS	Compute	r		***************************************				***************************************			Revie	w Initials
					#LP	RMs BYP	ASSED (N	ote 1)			Total#	#LPRMs				
DA		TIME	APRM #2	LPRM #2	APRM #4	LPRM #4	APRM #3	LPRM #3	APRM #1	LPRM #1	LPRMs Bypassed (Note 2)	reading ≤3% on ICS (Note 3)	MAX DEV (AC) (Note 4)	All Data SAT/UNSAT	UO	Unit Super
Frid		0080					<u> </u>									
Satur	<del>- +</del>	0800					<del></del>			$\vdash$			<b>,</b>			<b></b>
Mont		0800														<b></b>
Tues		0800			<u> </u>				<b>-</b>				0			
Wedne	<del>-                                    </del>	0800			<del> </del>				<b></b>							<del>                                     </del>
Thurs	<del></del> +	0800			-											
SAT_ **** Perfor (1) (2)	1 U  ****  The control of the con	***  cord d the  ess th  uble	AT *** Step 6 numb se value	****  er of ues to LPRI on th	'A LPRN egethe Ms in ne disp	#LP _CO *****  As byj r and  OPEI	PRMs MM ****  passec record	ENT  ****  d in th d as T	S: ****  the found of the control #  the control #  the control #	****  * APR LPRI an 3 pe	*****  M and L  Ms Bypa  er level f	. Record	*****  Critic oinets as	*******  al <u>X</u> No	***** ot Critic at Panel a Rod E	****** cal 3-9-14.
(3)	Re	cord	numb	er of	LPRN	⁄Is rea	ding l	ess th	an 3%	6 on th	ne LPRN	1 printout	or disp	lay on ICS		
(4)	sho	ould l		orted	to the	Reac	ctor E	ngine						er, unexpectssed shall		nsistencies e number
Standa	ard:															
		ocun tisfic		Sat	and i	initia	ls fo	r Uni	it Op	erato	r for Fr	riday wł	en the	conditio	ns of N	lote 4 are
SAT_	_ U	NSA	<b>A</b> T	_ N/.	A	_CO	MM]	ENT	S:			· · · · · · · · · · · · · · · · · · ·			***********	

*************	**************
Performance Step 7:	Critical X Not Critical

## Refers to 3-SR-2, Instrument Checks and Observations, table 1.30

TABLE 1.30	RE	REACTOR VESSEL STEAM DOME PRESSURE INSTRUMENTATION					DAY	SHIFT	WEEK:		10		
APPLICABILI	TY:			Refer To P& required at a	L Step 3.6A) ill times.								
Surveillance R	lequirements	: 3.3	.1.1.1(f3), 3	3.3.3.1.1, 3.4	.10.1								
LOCATION:		ICS (No	tes 1 & 4)		3-9-86	3-9-85	3-9-84	3-9-83				Revie	w Initials
Reference	TIME			MAX DEV	Ð	С	В	A	MAX				
Leg	(Note 4)	3-74A	3-74B	(AC)	3-PIS-3-22D	3-PIS-3-22C	3-PIS-3-22BB	3-PIS-3-22AA	DEV (AC)	MAX LIMIT	All Data SAT/UNSAT	UO	Unit Super
Friday	0800												
Saturday	0800			Ī					Ī				
Sunday	0800			[					Ī				
Monday	0800			40 psig (Note 2)					60 psig (Note 2)	(Note 3) (Note 5)			
Tuesday	0800								,	(		******	
Wednesday	0800									l		***************************************	
Thursday	0800			[					Ì				

## Standard:

Selects SR-2 Group Display from the Group Display menu OR types the specific codes for each ICS point into the "Single Value Display" (for example: 3-74A, 3-74B, etc...) and completes table 1.30 Data for Friday. Records approximately 1050 psig for ICS point 3-74A and approximately 1005 psig for ICS point 3-74B.

SAT	UNSAT	N/A	COMMENTS:	
				_

****	****************	******	******
Perform	mance Step 8:	Critical <u>X</u>	Not Critical
(1)	These readings may be obtained from ICS using the Single Value Display translated into a PRESSURE Signal for the specific instruments. For ICS Display, enter the point desired as "3-74A", record reading, select F4, en reading.	s, type in "S	VD" for Single Value
(2)	3-74A and 3-74B have a Maximum allowable deviation of 40 psig, ANI PIS-3-22BB, & 3-PIS-3-22AA, have a Maximum allowable deviation of required between the 3-74A(B) and 3-PIS-3-22D(C)(BB)(AA).	O 3-PIS-3-22 60 psig. No	2D, 3-PIS-3-22C, 3-comparison is
(3)	3-74A and 3-74B SHALL be $\leq$ 1050 psig. 3-PIS-3-22D, 3-PIS-3-22C, 3-SHALL be $\leq$ 1090 psig.	-PIS-3-22BE	3, & 3-PIS-3-22AA
(4)	3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument R be taken at precisely 0800.	Room reading	gs are not required to
(5)	Following a change to Reactor Power and/or Pressure, verify the Steam I 248, Administrative Limits and Design Analysis Limits (Appendix S)	Dome Limits	are within the 0-TI-
Standa	urd:		
	Reviews notes and documents UNSAT and initials for Unit Conditions of Notes 2 and 3 are reviewed.	Operator fo	or Friday when the
SAT	_UNSAT N/ACOMMENTS:	more and a second	
		WANTED TO	

END OF TASK

STOP TIME \_\_\_

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## Surveillance Procedure Data Package - Modes 1, 2, & 3

TABLE 1.1	CORE	THERMAL POWI	ER AND CORE PO	OWER DIS	TRIBUTION	DAY SHIFT	WEEK:T	is week	_to_Next v	veek
APPLICABILITY	Mode RECO	1 when ≥ 25% RT RD the readings a	P (Refer To P&L S s soon as possible	Step 3.6A) e after the o	generator breaker	has been closed.				
Criteria Source:	3.2.1.1	; 3.2.2.1; 3.2.3.1;	DEFINITIONS SE	CTION 1.1	- FSAR 3.7.7					
LOCATION:		omputer (Case Su					***************************************		Review	Initials
DAY	TIME Note 2	Core Thermal Power (MWt)	Percent Power (% RTP)	LIMIT (AC)	MFLCPR Note 3	MAPRAT Note 3	MFDLRX Note 3	LIMIT (AC)	Unit Operator	Unit Supvr
	0800	3426.6	100.0		0.818	0780	0.824	]	Dútials	Сарт
	1000 1200				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-11,001	:			
Friday	1400							-1		
	1600									
	1800				· · · · · · · · · · · · · · · · · · ·		16			
	0800			1						
	1000									
Saturday	1200									
Saturday	1400	×4								
	1600		***************************************					Notes		
	1800			Notes 1				3, 4, &		
	0800			&2				5, 4, 8		
	1000							_  `		
Sunday	1200				***************************************					
,	1400									
	1600									
	1800							_		
	0800 1000						***************************************	_		
	1200					`				
Monday	1400						, , , , , , , , , , , , , , , , , , ,			
ŀ	1600									
Ì	1800									

NOTES ARE FOLLOWING THE TABLE!

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- Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:
  - A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
  - B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 MWt. (This is implemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
  - The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
  - D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
  - E. IF power is > 3463, REDUCE power.
  - F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
  - G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- (2) Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Unit Supervisor/SRO and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- (3) A. Consult Reactor Engineer when value ≥ 0.965. Refer to 0-TI-248 for Administrative Limits.
  - B. Consult Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
  - C. Consult Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.
- (4) If any Turbine Bypass valve(s) are inoperable or a Recirculation Loop is out of service, contact the Reactor Engineer and refer to the COLR for Turbine Bypass Out of Service (TBOOS) or Single Loop Operation (SLO) limits which must be applied.
- (5) MAPRAT within limits is used to verify that all APLHGRs are within the limits specified within the COLR, and ≤ 0.850.
  - MFDLRX within limits is used to verify that all LHGRs are within the limits specified within the COLR.
  - MFLCPR within limits is used to verify that all MCPRs are within the limits specified within the COLR, and ≤ 0.980 when core thermal power is ≥ 90% RTP.



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TABLE 1.6	HEAT E	BALANCE REL	ATED ICS AL	ARM SETPOIN	NTS (Note 1)	DAY	SHIFT WEEK:	This week	to	Next wee	k
APPLICABILI		when ≥ 25% f RD the reading	RTP(Refer To I	P&L Step 3.6A ossible after th	) e generator break	er has been c	losed.				
Criteria Sourc	e: BFPER	951914					***************************************	MISSAUL COMMISSION OF THE STREET		***************************************	******
LOCATION:	ICS Cor	mputer								Review	Initials
			ICS Points				Verify HI and	HI HI alarm setpoints lis	ted in		
	3-48A (°F)	3-48B (°F)	3-50A (°F)	3-50B (°F)	NSS0017 (°F)	MAX DEV Note 2	Table 1.B.1 & 1.I S	.B.2 are NOT exceeded. (Note 3) SAT / UNSAT / N/A		UO	Unit Supvr
Friday	3N.2	ชา.2	ชา.2	វា.2	द्व <u>ा.2</u>			SAT		Dútials	
Saturday											
Sunday											
Monday						2°F					
Tuesday											
Wednesday											
Thursday											

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- (2) A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- (3) An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits, Site Engineering will be notified for assistance.

	TABLE 1.B.	1	
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM
CALCO20	Rx Power 30 Min Avg.	3458	3463
CALCO21	Rx Power 1 Hr. Avg.	3458	3461
CALCO83	Rx Power 2 Hr. Avg.	3458	3459
CALCO98	Generator Power	1185	1190
CALCO26	Efficiency	35	36
CALCO27	Load Line	N/A	113.6
CALCO24	Rx Power %	100.2	100.5

	TABLE 1.	B.2	
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM
3-48A	FW Temp	382	386
3-48B	FW Temp	382	386
3-50A	FW Temp	382	386
3-50B	FW Temp	382	386
NSS0017	Avg. FW Temp.	382	386
CONS0400	Total RWCU Flow	0.168	N/A



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TABLE 1.25	TABLE 1.25 LPRM INSTRUMENTATION						DAY SHIFT		This week		Next week				
APPLICABILITY: Modes 1 & 2 Readings are required at all times. (Refer To P&L Step 3.6A)									VIII.						
Criteria Souro	<b>a</b> :	Technical F	Requireme	nts Manua	I TSR 3.3.	5.3									
LOCATION:		Panel 3-9-1	4 and ICS	Compute	ī									Reviev	v Initials
		#LPRMs BYPASSED (Note 1)			Total #	# LPRMs									
DAY	TIME	APRM #2	LPRIM #2	APRM #4	LPRM #4	APRM #3	LPRM #3	APRM #1	LPRM #1	LPRMs Bypassed (Note 2)	reading ≤3% on ICS (Note 3)	MAX DEV (AC) (Note 4)	All Data SAT/UNSAT	UO	Unit Supvr
Friday	0800	0	0	0	0	0	0	0	0	0	0		SAT	mittals	
Saturday	0800				<u></u>		·								
Sunday	0800											İ			
Monday	0800											0			
Tuesday	0800														
Wednesday	0800														
Thursday	0800														

- (1) Record number of LPRMs bypassed in the four APRM and LPRM cabinets as observed at Panel 3-9-14. add these values together and record as Total # LPRMs Bypassed.
- (2) Less than 20 LPRMs in OPERATE or Less than 3 per level for any APRM will result in a Rod Block and a trouble alarm on the display panel. This does not yield an automatic APRM trip, but does, however, make the associated APRM INOP.
- (3) Record number of LPRMs reading less than 3% on the LPRM printout or display on ICS.
- (4) MAX DEV is not required to be met when the APRMs are downscale; however, unexpected inconsistencies should be reported to the Reactor Engineer. The total number of LPRM's bypassed shall equal the number of LPRM's reading less than 3% on ICS.



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TABLE 1.30	RE	ACTOR VE	SSEL STE	EAM DOME F	PRESSURE INSTE	RUMENTATION	DAY	SHIFT	WEEK		weekto	Next	week
APPLICABILIT	ΓY:			Refer To P& required at a	L Step 3.6A) Il times.								
Surveillance F	lequirements	: 3.3	.1.1.1(f3), 3	3.3.3.1.1, 3.4	.10.1				<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>				
LOCATION:		ICS (Not	es 1 & 4)		3-9-86	3 <del>-9-</del> 85	3-9-84	3-9-83				Revie	w Initials
Reference	TIME			MAX	D	С	В	٨	MAX				T
Leg	(Note 4)	3-74A	3-74B	DEV (AC)	3-PfS-3-22D	3-PIS-3-22C	3-PIS-3-22BB	3-PIS-3-22AA	DEV (AC)	MAX LIMIT	All Data SAT/UNSAT	uо	Unit Supvr
Friday	0800	1050	1005		1035	1035	1035	1035			UN <b>SAT</b>	Intials	
Saturday	0800									'			
Sunday	0800												
Monday	0800			40 psig (Note 2)					00 μsig (Note 2)	(Note 3) (Note 5)			
Tuesday	0800			, ,					(	(Note 2)			
Wednesday	0800			1									
Thursday	0800												

- (1) These readings may be obtained from ICS using the Single Value Display or from the ATU output voltage translated into a PRESSURE Signal for the specific instruments. For ICS, type in "SVD" for Single Value Display, enter the point desired as "3-74A", record reading, select F4, enter "3-74B", record the second reading.
- 3-74A and 3-74B have a Maximum allowable deviation of 40 psig, AND 3-PIS-3-22D, 3-PIS-3-22C, 3-PIS-3-22BB, & 3-PIS-3-22AA, have a Maximum allowable deviation of 60 psig. No comparison is required between the 3-74A(B) and 3-PIS-3-22D(C)(BB)(AA).
- (3) 3-74A and 3-74B SHALL be ≤ 1050 psig. 3-PIS-3-22D, 3-PIS-3-22C, 3-PIS-3-22BB, & 3-PIS-3-22AA SHALL be ≤ 1090 psig.
- (4) 3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument Room readings are not required to be taken at precisely 0800.
- (5) Following a change to Reactor Power and/or Pressure, verify the Steam Dome Limits are within the 0-TI-248, Administrative Limits and Design Analysis Limits (Appendix S)

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ABLE 1.1		THERMAL POWI				DAY SHIFT	WEEK:		to <u>Next</u>	
PPLICABILITY	. Mode	1 when ≥ 25% RT	P (Refer To P&L S is soon as possible	step 3.6A)		h hld				
Criteria Source:	2211	rb the readings a	DEFINITIONS SE	CTION 1.1	ECAD 277	nas been closed.				
***************************************				CHON I.I	- FSAR 3.1.1	····				
OCATION:		omputer (Case Su							Review	
DAY	TIME Note 2	Core Thermal Power (MWt)	Percent Power (% RTP)	LIMIT (AC)	MFLCPR Note 3	MAPRAT Note 3	MFDLRX Note 3	LIMIT (AC)	Unit Operator	Unit Supv
	0800									
	1000									
Friday	1200			1						
· · · · · · ·	1400									
	1600		***************************************				***************************************			
	1800									
	0800									
	1000	***************************************			**************************************					
Saturday	1200			_			***************************************	_		
•	1400 1600							_		
	1800							Notes		
	0800			Notes 1 & 2				3, 4, &		
	1000	***************************************		α2	***************************************		····	5		
	1200				**************************************			_		
Sunday	1400							_		
	1600			<b> </b>						
	1800							-		
	0800							<b></b>		
	1000			ŀ						
	1200			 				<b>-</b>		
Monday	1400							<b></b>		
	1600			ľ			··· · · · · · · · · · · · · · · · · ·			*****
	1800			ľ			····			



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- Compliance with the Licensed Power Limit (LPL) (3458 Mwt) is demonstrated by the following process:
  - A. No actions are allowed that would intentionally raise core thermal power above 3458 Mwt for any period of time. Small, short-term fluctuations in power that are not under the direct control of the unit operator are not considered intentional.
  - B. Closely monitor the thermal power during steady-state power operation with the goal of maintaining the two-hour average at or below 3458 Mwt. If the core thermal power average for a 2-hour period is found to exceed 3458 Mwt, Operations take timely action to ensure that thermal power is less than or equal to 3458 Mwt. (This is implemented by taking action when any running average less than or equal to the 2 hour average exceeds 3458 Mwt.)
  - C. The core thermal power for an 8 hour period (8 hr average) is not to exceed 3458 Mwt.
  - D. If an evolution is expected to cause a transient increase in reactor power that could exceed 3458 Mwt, action should be taken to lower core power prior to performing the evolution.
  - E. IF power is > 3463, REDUCE power.
  - F. IF power is 3458 to 3463 MWt after allowing time for recent perturbations to settle, REDUCE power and EVALUATE the trend.
  - G. IF any running 30 min Avg, 1 hr average, or 2 hr average is > 3458 MWt, REDUCE power.
- (2) Core Thermal Power is normally recorded every 2 hours when required. However, these readings may be marked N/A during TIP trace runs, control rod pattern adjustments, or anytime Core Monitoring System is blocked and/or < 25% power. The Reactor Engineer is responsible for monitoring Core Thermal Limits. Monitoring of Core Thermal Power and other Core Thermal Limits is recommended following completion of planned rise in power and following any unexpected power change. If core monitoring software becomes unavailable, the Unit Supervisor/SRO and Reactor Engineer shall determine the appropriate frequency for monitoring Core Thermal Power but should not exceed 24 hours, using backup core monitoring computer, and taking into consideration current core conditions and margin to thermal limits. Power changes should not normally be made without the core monitoring software being available.
- (3) A. Consult Reactor Engineer when value ≥ 0.965. Refer to 0-TI-248 for Administrative Limits.
  - B. Consult Reactor Engineer when value ≥ 0.835. Refer to 0-TI-248 for Administrative Limits.
  - Consult Reactor Engineer when value ≥ 0.985. Refer to 0-TI-248 for Administrative Limits.
- (4) If any Turbine Bypass valve(s) are inoperable or a Recirculation Loop is out of service, contact the Reactor Engineer and refer to the COLR for Turbine Bypass Out of Service (TBOOS) or Single Loop Operation (SLO) limits which must be applied.
- (5) MAPRAT within limits is used to verify that all APLHGRs are within the limits specified within the COLR, and ≤ 0.850.
  - MFDLRX within limits is used to verify that all LHGRs are within the limits specified within the COLR.
  - MFLCPR within limits is used to verify that all MCPRs are within the limits specified within the COLR, and ≤ 0.980 when core thermal power is ≥ 90% RTP.



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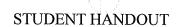
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TABLE 1.6	HEAT E	BALANCE REI	LATED ICS AL	ARM SETPOI	NTS (Note 1)	DAY	SHIFT	WEEK:	to	vext wee	k
APPLICABILI		when ≥ 25% I RD the reading	RTP(Refer To is as soon as p	P&L Step 3.6A ossible after the	) le generator break	ker has been d	closed.				
Criteria Sourc	e: BFPER	951914				41003111.27		Market Control of the			····
LOCATION:	ICS Co	mputer								Review	Initials
			ICS Points	5			Verify	HI and HI HI alarm setpoints listed	in		
	3-48A (°F)	3-48B (°F)	3-50A (°F)	3-50B (°F)	NSS0017 (°F)	MAX DEV Note 2	Table 1.B.1 & 1.B.2 are NOT exceeded. (Note 3) SAT / UNSAT / N/A		ote 3)	UO	Unit Supvr
Friday											
Saturday											
Sunday						]					
Monday						2°F					
Tuesday											
Wednesday											
Thursday											

- (1) The computer points listed in Table 1.B.1 and 1.B.2 are inputs to the ICS Core Thermal Power Heat Balance calculations. The points are monitored to ensure the inputs are in agreement and to ensure the license limits for thermal power are maintained. In addition to the above, these points should be monitored any time reactor power changes are performed.
- (2) A difference between Feedwater temperature points 3-48A, 3-48B, 3-50A, 3-50B, and NSS0017 of greater than 2 degrees will require the notification of Site Engineering and suspending any rise in power until the discrepancy is resolved.
- (3) An alarm setpoint being exceeded will require notifying the Unit Supervisor immediately and, if action cannot be taken immediately to return the value to within limits, Site Engineering will be notified for assistance.

	TABLE 1.B.1							
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM					
CALCO20	Rx Power 30 Min Avg.	3458	3463					
CALCO21	Rx Power 1 Hr. Avg.	3458	3461					
CALCO83	Rx Power 2 Hr. Avg.	3458	3459					
CALCO98	Generator Power	1185	1190					
CALCO26	Efficiency	35	36					
CALCO27	Load Line	N/A	113.6					
CALCO24	Rx Power %	100.2	100.5					

TABLE 1.B.2								
ICS POINT	DESCRIPTION	HI ALARM	HI HI ALARM					
3-48A	FW Temp	382	386					
3-48B	FW Temp	382	386					
3-50A	FW Temp	382	386					
3-50B	FW Temp	382	386					
NSS0017	Avg. FW Temp.	382	386					
CONS0400	Total RWCU Flow	0.168	N/A					



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TABLE 1.25		LPRM INS	TRUMEN	TATION						DAY SHIFT	г	WEEK:	Thís week	_toNext	week
APPLICABILIT	CABILITY: Modes 1 & 2 Readings are required at all times. (Refer To P&L Step 3.6A)														
Criteria Source	criteria Source: Technical Requirements Manual TSR 3.3.5.3														
LOCATION: Panel 3-9-14 and ICS Computer								Reviev	Review Initials						
			ī	#LP	RMs BYP/	ASSED (N	lote 1)	1	ī	Total # LPRMs	#LPRMs reading	MAX DEV			:
DAY	TIME	APRM #2	LPRM #2	APRM #4	LPRM #4	APRM #3	LPRM #3	APRM #1	LPRM #1	Bypassed (Note 2)	≤ 3% on ICS (Note 3)		All Data SAT/UNSAT	UO	Uniti Supvr
Friday	080	0	0	0	0	0	0	0	0			1			
Saturday	0800											Ť			
Sunday	0800											Ī			
Monday	0800											0			į
Tuesday	0800											Ī			
Wednesday	0800											Î			:
Thursday	0800											İ			

- (1) Record number of LPRMs bypassed in the four APRM and LPRM cabinets as observed at Panel 3-9-14. add these values together and record as Total # LPRMs Bypassed.
- (2) Less than 20 LPRMs in OPERATE or Less than 3 per level for any APRM will result in a Rod Block and a trouble alarm on the display panel. This does not yield an automatic APRM trip, but does, however, make the associated APRM INOP.
- (3) Record number of LPRMs reading less than 3% on the LPRM printout or display on ICS.
- (4) MAX DEV is not required to be met when the APRMs are downscale; however, unexpected inconsistencies should be reported to the Reactor Engineer. The total number of LPRM's bypassed shall equal the number of LPRM's reading less than 3% on ICS.



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TABLE 1.30	RE	ACTOR VE	ESSEL STE	EAM DOME F	PRESSURE INSTI	RUMENTATION	DAY	SHIFT	WEEK		weekto	Next w	veek
APPLICABILIT	ΓY:			Refer To P& required at a	L Step 3.6A) ill times								
Surveillance R	lequirements	: 3.3	.1.1.1(f3), 3	3.3.3.1.1, 3.4	.10.1								
LOCATION:		ICS (Not	tes 1 & 4)		3-9-86	3 <del>-3-</del> 85	3-9-84	3-9-83				Revie	w Initials
D-f	TIME			MAX	D	С	8	Α	MAX				
Reference Leg	(Note 4)	3-74A	3-74B	DEV (AC)	3-PIS-3-22D	3-PIS-3-22C	3-PIS-3-22BB	3-PIS-3-22AA	DEV (AC)	MAX LIMIT	All Data SAT/UNSAT	υo	Unit Supvr
Friday	0800				1035	1035	1035	1035					
Saturday	0800			]			1000						
Sunday	0800												
Monday	0800			40 psig (Note 2)					60 psig (Note 2)	(Note 3) (Note 5)			
Tuesday	0800								, ,	,,			
Wednesday	0800			1									
Thursday	0800												

- (1) These readings may be obtained from ICS using the Single Value Display or from the ATU output voltage translated into a PRESSURE Signal for the specific instruments. For ICS, type in "SVD" for Single Value Display, enter the point desired as "3-74A", record reading, select F4, enter "3-74B", record the second reading.
- (2) 3-74A and 3-74B have a Maximum allowable deviation of 40 psig, AND 3-PIS-3-22D, 3-PIS-3-22D, 3-PIS-3-22BB, & 3-PIS-3-22AA, have a Maximum allowable deviation of 60 psig. No comparison is required between the 3-74A(B) and 3-PIS-3-22D(C)(BB)(AA).
- (3) 3-74A and 3-74B SHALL be ≤ 1050 psig. 3-PIS-3-22D, 3-PIS-3-22C, 3-PIS-3-22BB, & 3-PIS-3-22AA SHALL be ≤ 1090 psig.
- (4) 3-74A and 3-74B are to be recorded at 0800. The Auxiliary Instrument Room readings are not required to be taken at precisely 0800.
- (5) Following a change to Reactor Power and/or Pressure, verify the Steam Dome Limits are within the 0-TI-248, Administrative Limits and Design Analysis Limits (Appendix S)

Admin SRO A1b PAGE 1 OF 5

OPERATO	OR:	
RO	SRO_	DATE:
JPM NUM	BER:	Admin SRO A1b
TASK NUI	MBER:	Conduct of Operations
TASK TIT	LE:	NRC Event Notification
K/A NUMI	BER: 2.1.1	8 K/A RATING: SRO 3.8
TASK STA	ANDARD:	Determine NRC Event Notification requirements, Technical Specification actions required, and proper internal notifications.
LOCATIO	N OF PER	FORMANCE: Class Room
REFEREN	CES/PRO	CEDURES NEEDED: NPG-SPP-03.5
VALIDAT	ION TIME	E: 10 minutes
MAX. TIM	E ALLOW	VED: 60 Minutes
PERFORM	IANCE TII	ME:
COMMEN	TS:	
Additional	comment s	sheets attached? YES NO
RESULTS:	SATIS	FACTORY UNSATISFACTORY
SIGNATUI	RE:	DATE:

**INITIAL CONDITIONS**: Unit 3 is performing a normal Reactor Startup in accordance with 3-GOI-100-1A, Unit Startup. Reactor Power is 5%, Reactor pressure is 980 psig, and core flow is 9.5% of rated core flow. A feedwater transient causes a spike in Reactor Power and an automatic Scram occurs. The Reactor Engineer informs you that Reactor Power peaked at 28% RTP.

INITIATING CUE: As the Shift Manager, evaluate these plant conditions and determine:

- (1) all required Technical Specification actions;
- (2) the earliest required NRC notification;

and

(3) all required internal TVA notifications

Admir	1 5	SRO	A1k
PAGE	3	OF	5

*******	*******	*******	******	******
Class Room				

**INITIAL CONDITIONS**: Unit 3 is performing a normal Reactor Startup in accordance with 3-GOI-100-1A, Unit Startup. Reactor Power is 5%, Reactor pressure is 980 psig, and core flow is 9.5% of rated core flow. A feedwater transient causes a spike in Reactor Power and an automatic Scram occurs. The Reactor Engineer informs you that Reactor Power peaked at 28% RTP.

INITIATING CUE: As the Shift Manager, evaluate these plant conditions and determine:

- (1) all required Technical Specification actions;
- (2) the earliest required NRC notification;

and

(3) all required internal TVA notifications

START TIM	<u> E</u>	
*****	*****	**************************************
<u>Performance</u>	Step 1:	Critical X Not Critical
Refers to Tec	hnical Specif	ication Section 2.0
2.1.1	Reactor Con	re SLs
	2.1.1.1	With the reactor steam dome pressure < 785 psig or core flow < 10% rated core flow:
		THERMAL POWER shall be $\leq 25\%$ RTP.
2.2 SL Violat	ions	
With any SL	violation, the	following actions shall be completed within 2 hours:
2.2.1 2.2.2		npliance with all SLs; and sertable control rods.
Standard:		
		afety limit was exceeded or violated, determines 2 hours to restore ert all rods. Both actions are met and complete
SATUNSA	AT N/A _	COMMENTS:
· · · · · · · · · · · · · · · · · · ·		

Admir	1 8	SRO	Alk
PAGE	5	OF	5

	**************************************		****************** Not Critical
	Evaluates NPG-SPP-03.5		
	Appendix A: 3.1.B 1		
B.	The following criteria require 1-hour notification:		
	1. (Technical Specifications) - Safety Limits as defined Specifications which have been violated.	l by the Tec	hnical
Standa	ard:		
	Determines a 1-Hr Non-Emergency notification is required.		
SAT_	_UNSATN/ACOMMENTS:	1000	
	Evaluates NPG-SPP-3.5 Appendix D, Site Event Notification	Critical <u>X</u>	************** Not Critical
	For an NRC ONE hour notification at a minimum, the application following five individuals are required to be notified:  • Duty Plant Manager  • Plant Manager  • Operations Duty Specialist (ODS)  • Site Vice President  • Corporate Duty Officer	ant must de	termine the
SAT_	_UNSATN/ACOMMENTS:		. 13411145
	END OF TASK	- And Annual Control of the Control	

STOP TIME \_\_\_

Admin RO/SRO A2 PAGE 1 OF 7

OPERATOR:		
RO	SRO	DATE:
JPM NUMBER	2: A	Admin RO/SRO A2
TASK NUMBE	ER: U	J-066-NO-02
TITLE:	E	Evaluate Recombiner Performance
K/A NUMBER	: 2.	.2.44 K/A RATING: RO 4.2 SRO 4.4
TASK STAND		valuate Off-Gas Recombiner Performance. Determine that it meets acceptance Criteria.
LOCATION OF	F PERFO	DRMANCE: Classroom
REFERENCES	/PROCE	DURES NEEDED: 3-OI-66
VALIDATION	TIME: 1	0 minutes
MAX. TIME A	LLOWEI	D:
PERFORMAN	CE TIME	3:
COMMENTS:		
Additional com	ment shee	ets attached? YES NO
RESULTS: S	SATISFA	ACTORY UNSATISFACTORY
SIGNATURE: _	E	DATE: XAMINER

**INITIAL CONDITIONS**: You are a Unit Operator, a startup is in progress on Unit 3. The Hydrogen Water Chemistry System is in service in accordance with 3-OI-4, Hydrogen Water Chemistry System. The Off-Gas Preheater, Recombiner and SJAEs are in operation in accordance with 3-OI-66, Off-Gas System, Section 5.0. The in-service steam jet is operating properly.

**INITIATING CUE:** The Shift Manager has directed you to perform 3-OI-66, Section 6.1, Recombiner Performance Evaluation, and identify if any actions are required. Conditions are as follows:

3-TI-66-75A	392 °F
3-TI-66-75B	320 °F
3-TRS-66-77A Center temp	612 °F
3-TRS-66-77B Center temp	380 °F
Core Thermal Power (MWth)	3400 MWth
Percent Power (% RTP)	98%
3-H2R-66-96	operable - both pens reading .26% H <sub>2</sub>

#### Classroom

\*

**INITIAL CONDITIONS**: You are a Unit Operator, a startup is in progress on Unit 3. The Hydrogen Water Chemistry System is in service in accordance with 3-OI-4, Hydrogen Water Chemistry System. The Off-Gas Preheater, Recombiner and SJAEs are in operation in accordance with 3-OI-66, Off-Gas System, Section 5.0. The in-service steam jet is operating properly.

**INITIATING CUE:** The Shift Manager has directed you to perform 3-OI-66, Section 6.1, Recombiner Performance Evaluation, and identify if any actions are required. Conditions are as follows:

3-TI-66-75A	392 °F
3-TI-66-75B	320 °F
3-TRS-66-77A Center temp	612 °F
3-TRS-66-77B Center temp	380 °F
Core Thermal Power (MWth)	3400 MWth
Percent Power (% RTP)	98%
3-H2R-66-96	operable - both pens reading .26% H <sub>2</sub>

Admir	ı I	RO/S	SRO	A2
PAGE	4	OF	7	

STAR'		E	 ****	*****	*****	*****	****	****	***	***	***	***	***:	***	: * *	***	****	****	****
	Performance Step 1: Critical Not Critical X																		
6.1 Red	combin	ner Perfo	ormar	nce Eva	aluatio	n													
						ì	пот	res											
F	oower l Chemis exother	oduction level and stry Sys rmic, the level and	id upo item i e ope	on the if in se erating	amou rvice. tempe	int of h Since erature	ydro the of t	ogen reco the r	injeo mbii econ	cted natio	by on c	the f hy	Hyd dro	drog ger	ger n a	า W nd (	ater oxyg	en is	5
		ng start tration							mbir	ner p	perf	orm	anc	e a	nd	hye	drog	en	
	[1]	Perfor	m a F	Recom	biner P	Perform	nance	e Eva	aluat	ion a	as fo	llov	ws:						
Standaı	<u>rd</u> :	[1.1]	DE'	TERM COME	IINE tl BINER	ne in-se 3A(3E	ervic B), II	ce rec NLE	comb T TE	oiner EMP	r inl 3-7	et te	emp 6-75	erat SA(	tur B)	e as , Pa	indi nel 3	cate 3-9-5	d on
	Deterr	nines R	.ecom	biner	3A inl	et temp	p 3-7	TI-66	5-75 <i>E</i>	A, Pa	anel	3-9	-53	(fre	om	ı ha	ndou	ıt)	
SAT	_UNS	AT]	N/A _	CO	MME	NTS:_			Table .										
***** Perforn		***** Step 2:	****	*****	*****	*****	***	****	***	:***:	***						****		
		[1.2]	indi	cated o		ne in-se COMB													
Standar	<u>rd</u> :																		
		nines th nbiner 3																	
SAT	_UNS2	AT1	V/A _	CO	MME	NTS:_						775701							

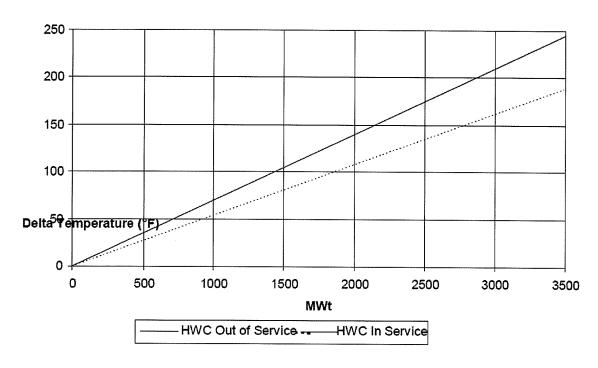
Admir	ı F	20/5	SRO	A2	
PAGE	5	OF	7		

	******************************
Performance Step 3:	Critical X Not Critical
[1.3]	CALCULATE the temperature difference ( $\Delta T$ ) between the values obtain Steps 6.1[1] and 6.1[2].
Standard:	
Calculates Re	ecombiner 3A inlet/center Δt and determines Δt is 220 °F
SATUNSAT	N/ACOMMENTS:
	*********************
Performance Step 4:	Critical _ Not Critical X
[1.4]	DETERMINE the reactor thermal power (MWt) from process computer
Standard:	
	eactor thermal power from the handout
Determines re	eactor thermal power from the handout
Determines re	eactor thermal power from the handout  N/ACOMMENTS:
Determines re	
Determines re	
Determines re	N/ACOMMENTS:
Determines re SATUNSAT  **********  Performance Step 5:  [1.5]	N/ACOMMENTS:
Determines re SAT UNSAT  ********  Performance Step 5:	N/ACOMMENTS:
Determines researched SATUNSAT]  ********  ******  Performance Step 5:  [1.5]  Standard:	N/ACOMMENTS:
Determines researched SATUNSAT  ***********  Performance Step 5:  [1.5]  Standard:  Using illustra (220 °F),	N/ACOMMENTS:
Determines researched SATUNSAT1  ***********  ********  Performance Step 5:  [1.5]  Standard:  Using illustrate (220 °F),  Determines \Delta	N/ACOMMENTS:

Admin RO/SRO A2 PAGE 6 OF 7

***************************
Performance Step 6: Critical X Not Critical
[1.6] VERIFY point on illustration 1 is above or equal to the appropriate line (HWC in service or HWC out of service)
Standard:
Determines from Illustration 1 that calculated $\Delta t$ vs MWt plots ABOVE the HWC in Service line. Candidate may also use calculated $\Delta T$ from curve factor to determine that actual $\Delta T$ (220 °F) is well above the HWC in service line on graph
SATUNSAT N/ACOMMENTS:
***********************
Performance Step 7: Critical Not Critical X
[2] IF the in-service recombiner performance is below the minimum allowable, THEN:
[2.1] CHECK Off-Gas Preheater, Recombiner and SJAEs are in operation in accordance with Section 5.0.  Standard:
NA – Recombiner performance is satisfactory
SAT UNSAT N/ACOMMENTS:
END OF TASK
END OF TASK
STOP TIME

Illustration 1 (Page 1 of 1) Recombine Performance Evaluation -  $\Delta T$  to Reactor Power



Evaluation is satisfactory when intersection point of  $\Delta T$  to Reactor Power is above the appropriate line.

## For 3458mwt

HWC in service

 $\Delta T \ge 190^{\circ} F$ 

HWC out of service

 $\Delta T \ge 242^{\circ} F$ 

## **CURVE FACTORS**

Normal Water Chemistry (NWC)

 $\Delta T = 0.070^{\circ} F \text{ per MWt}$ 

Hydrogen Water Chemistry (HWC)

 $\Delta T = 0.055$ °F per MWt

OPERATOR:	
SRO	DATE:
JPM NUMBER:	Admin SRO A3
TASK NUMBER:	Radiation Control
TASK TITLE:	Radiation Exposure Limits under Emergency Conditions
K/A NUMBER: 2.3.4	K/A RATING: SRO 3.7
TASK STANDARD:	Determine stay time for an AUO to perform an emergency evolution due to radiation levels and authorize.
LOCATION OF PERI	FORMANCE: Class Room
REFERENCES/PROC	CEDURES NEEDED: EPIP 15
VALIDATION TIME	: 15 minutes
MAX. TIME ALLOW	ED:
PERFORMANCE TIN	ME:
Additional comment sl	heets attached? YES NO
RESULTS: SATISI	FACTORY UNSATISFACTORY
SIGNATURE:	EXAMINER DATE:

## **INITIAL CONDITIONS:**

Unit 2 is in a General Emergency and YOU are currently the Site Emergency Director. Because of the emergency, an emergency exposure in excess of 10 CFR 20.1201 limits is required to prevent damage to the Main Turbine. An AUO has volunteered to replace blown fuses in the EBOP DC control cabinet next to the MTOT on EL' 586 in the Turbine Building. Radiation Protection Supervision states that the dose rate at the cabinet is 15 REM/hr and travel path dose rates are 10 REM/hr to and from the cabinet. It is estimated that it will take him 12 minutes of total travel time to and from the cabinet. The AUO has received 500 mrem TEDE, year to date, and he has been briefed of the radiological hazards associated with this evolution per appendix A of the applicable EPIP.

## **INITIATING CUE:**

As the Site Emergency Director YOU, are directed to 1) determine how much dose can be authorized for the AUO to perform this mission, 2) determine how much time this AUO has to replace the fuses, without exceeding Emergency Dose Limits, and 3) complete all required paperwork to authorize the emergency exposure.

\*

**Class Room** 

\*

#### **INITIAL CONDITIONS:**

Unit 2 is in a General Emergency and YOU are currently the Site Emergency Director. Because of the emergency, an emergency exposure in excess of 10 CFR 20.1201 limits is required to prevent damage to the Main Turbine. An AUO has volunteered to replace blown fuses in the EBOP DC control cabinet next to the MTOT on EL' 586 in the Turbine Building. Radiation Protection Supervision states that the dose rate at the cabinet is 15 REM/hr and travel path dose rates are 10 REM/hr to and from the cabinet. It is estimated that it will take him 12 minutes of total travel time to and from the cabinet. The AUO has received 500 mrem TEDE, year to date, and he has been briefed of the radiological hazards associated with this evolution per appendix A of the applicable EPIP.

#### **INITIATING CUE:**

As the Site Emergency Director YOU, are directed to 1) determine how much dose can be authorized for the AUO to perform this mission, 2) determine how much time this AUO has to replace the fuses, without exceeding Emergency Dose Limits, and 3) complete all required paperwork to authorize the emergency exposure.

START TIME	
*********	*****************
Performance Step 1:	Critical X Not Critical
Determine the radiation d	ose that he may receive to protect valuable property
Standard:	
Determines he may receiv	ve 10 REM to protect valuable property
SAT UNSAT N/A 6	COMMENTS:
	**************************************
Performance Step 2:	Critical X Not Critical
Determine the radiation do on previous exposure	ose that AUO may receive without exceeding 10 REM, based
Standard:	
	may receive 9.5 REM, based on previous exposure of 500, to protect valuable property
SAT UNSAT N/A (	COMMENTS:
NRC Information: Reference i	s EPIP 15 Section 3.4.3
CUE: Provide EPIP 15 Appendix	x B form which is partially completed

	Admin SRO A3 PAGE 5 OF 6
******************	*********
Performance Step 3:	Critical X Not Critical
Determines the amount of time the AUO has to replace the exceeding the 10 REM Emergency Exposure limit to prote previous exposure and travel time	
Standard:	
Determines that the AUO has 30 minutes to replace the blo Emergency Exposure Limit of 10 REM (Including travel til calculated in hours - 0.5 hours	own fuses, without exceeding me and previous exposure), If
SAT UNSAT N/A COMMENTS:	
******************	*******
Performance Step 4:	Critical X Not Critical
Completes Acknowledgment and Authorization to Exceed form Appendix B of EPIP 15	Occupational Dose Limits
Standard:	
Determines that as the Shift Manager and acting Site Emergauthorize the Emergency Dose	gency Director he can
SAT UNSAT N/A COMMENTS:	

END OF TASK

NOTE: Critical Data on form is the authorized 10 Rem and Approval signature

STOP TIME \_\_\_

## APPENDIX B Page 1 of 1

## ACKNOWLEDGMENT AND AUTHORIZATION TO EXCEED OCCUPATIONAL DOSE LIMITS

## READ THE FOLLOWING STATEMENT BEFORE SIGNING THIS FORM:

I acknowledge by signature on this form that I am volunteering for exposures in excess of 10 CFR 20.1201 limits and that I have been made aware through training or a briefing of the risks involved. Briefing material was presented from Appendix A of this procedure.

The persons listed below have acknowledged and volunteered to receive dose limits in excess of 10CFR20.1201 limits. Authorization is required by the Site Emergency Director to administer any emergency exposure limit. Authorization is acknowledged by Site Emergency Director signature on the bottom of this form.

Name (Please print Last, First, MI)	Employee Identification Number (EIN)	Signature	Dose Limit	
AUO that volunteered	123-45-6789	77474444	(Rem)	
- Noo mat voiditored	123 43 0707			
***************************************				
***************************************		1444444		
Brief Description of Task:				
Authorized by :		/		
\$	Site Emergency Director	Tis	Time/Date	
	LAST PAGE			

Admin RO A4 PAGE 1 OF 7

OPERATOR: _				
RO S	SRO	DATE:		
JPM NUMBER:	Admin RO A4	1		
TASK NUMBE	R: U-000-EM-87			
TASK TITLE:	EPIP-3, Apper	ndix B, Unit Operator Notification		
K/A NUMBER:	2.4.43	K/A RATING: RO 3.2		
TASK STANDA	ARD: Completion of	Emergency Call-out for TSC Manning		
LOCATION OF	PERFORMANCE:	Simulator		
REFERENCES/	PROCEDURES NEE	EDED: EPIP 3		
VALIDATION 7	ΓΙΜΕ: 15 minutes			
MAX. TIME ALLOWED: (Completed for Time Critical JPMs only)				
PERFORMANC	CE TIME:			
COMMENTS: _				
Additional comm	nent sheets attached?	YES NO		
RESULTS: S	ATISFACTORY	UNSATISFACTORY		
SIGNATURE: _	EXAMINER	DATE:		

## **INITIAL CONDITIONS:**

You are the Unit 1 Operator. Unit 2 was operating at 100% (BOL) when indications of a primary system leak into the Drywell developed. Conditions have continued to the point that the SED has declared an ALERT.

## **INITIATING CUES:**

The SHIFT MANAGER has informed you that Unit 2 is in an ALERT status. The SHIFT MANAGER/SED directs you to COMPLETE APPENDIX B, Unit Operator NOTIFICATIONS and determine if a Fitness for Duty question is required.

#### **INITIAL CONDITIONS:**

You are the Unit 1 Operator. Unit 2 was operating at 100% (BOL) when indications of a primary system leak into the Drywell developed. Conditions have continued to the point that the SED has declared an ALERT.

#### **INITIATING CUES:**

The SHIFT MANAGER has informed you that Unit 2 is in an ALERT status. The SHIFT MANAGER/SED directs you to COMPLETE APPENDIX B, Unit Operator NOTIFICATIONS and determine if a Fitness for Duty question is required.

START TIME
*************************
Performance Step 1: Critical X Not Critical
<ul> <li>NOTE</li> <li>The Emergency Paging System (EPS) consists of a dedicated touch screen CRT. Activation of any screen feature requires the user place their fingertip within the boundary of the select button and leave it there for at least 1 second. The CRT Screen will normally display a large rectangle that indicates that the paging system is available but currently inactive.</li> <li>If the EPS fails to operate, contact the SM/SED immediately. Request that the ODS be contacted to initiate the system from his location.</li> </ul>
1.0 Activate the Emergency Paging System (EPS)
1.1 <b>PRESS</b> the EPS CRT screen once to activate the paging options
Standard:
OPERATOR activates the Emergency Paging System using the touch screen.
SATUNSAT N/A COMMENTS:
**************************************
1.2 PRESS the appropriate option as instructed by the SED
<ul> <li>PAGER TEST</li> <li>DRILL</li> <li>EMERGENCY</li> <li>STAGING AREA</li> <li>ABORT</li> </ul>
Standard:
Operator presses either DRILL or EMERGENCY.
SAT UNSAT N/A COMMENTS:

Admir	ı E	20	A4	ļ
PAGE	5	OI	7 7	7

Critical $\underline{X}$ Not Critical option
ontion
option
otion request
ne "START" button on the touch
ne "START" button on the touch as elapsed, provide candidate ndout" ************************************
as elapsed, provide candidate ndout"
as elapsed, provide candidate ndout" *************
as elapsed, provide candidate  ndout"  ****************  Critical Not Critical X  CONTACT the ODS at 5-751-1700 or
as elapsed, provide candidate  ndout"  ****************  Critical Not Critical X  CONTACT the ODS at 5-751-1700 or

					Admin RO A4 PAGE 6 OF 7
		******	*******		******
Performance S	<u>Step 5:</u>			Critical	Not Critical X
1.5	WHEN the EPS this step and re procedure.	S FAILS to opera -enter this Apper	te either locally or dix at Step 2.0 Oth	by the Onerwise co	DS THEN exit ontinue in this
Standard:					
NA					
SATUNS	SAT N/A	COMMENTS	:		
		******	******		******
Performance S	<u>step 6:</u>			Critical	X Not Critical
1.6. <b>M</b>	ONITOR the Pa	aging System Ter	minal Display		
			nt Control. Position o call-out requirem		OSC Document
		O" response is o	bserved,		
	The pos		l has not responded es,	d promptl	y or within
	THEN Urepreser required	ntative with avail	eekly Duty List and able information. (	l attempt No Fitnes	to contact the position is for Duty question is
Standard:					
minute answer	s. Operator utiliz	es the weekly du	EX ENGINEER has by list and calls the ator will determine	TSC TAT	onded within 20 AX Engineer; NO call alternate position

Driver: When called as the TSC TAT RX Engineer do not answer the phone to force Operator to utilize Call-Out list.

SAT \_\_\_ UNSAT \_\_\_ N/A \_\_\_ COMMENTS: \_\_

Admir	ı E	20	<b>A</b> 4
PAGE	7	OF	7

*******	****************	******	*****
Performance	Step 7:	ritical X	Not Critical
1.6.2	IF The individual cannot be reached utilizing the Weet <b>THEN UTILIZE</b> the Call-Out List and attempt to correpresentative. (Fitness for Duty question is required vout List.)	ntact an a	lternate position
Standard:			
	RATOR utilizes the Call-Out List and contacts an alternate contacted Operator asks if the contacted alternate position		
SATUN	SAT N/A COMMENTS:		
f v	When called as the alternate, answer the phone and all or emergency duty. Only respond to the questions you olunteer any information; When asked, you are available.	are aske	d do NOT
CUE: A	another operator will perform the remaining actions		
	END OF TASK		

STOP TIME \_\_\_

and the control of th

## PAGING SYSTEM STATUS DISPLAY

**Browns Ferry Nuclear Plant** 

Start Time: 21 MIN AGO

Page 1 of 4

POSITION	PAGER NUMBER		PAGE TIME	RESPONSE TIME	CONFIRMED
SED - STONE	10473	(01)	09:29	09:31	YES
TAM - THOMAS	30364	(01)	09:29	09:31	YES
TSC TAT RX ENGR	60959	(01)	09:29		
TSC TAT – ICE	30361	(01)	09:29	09:31	YES
TSC TAT – NSSS	40232	(01)	09:29	09:31	YES
TSC TAT – BOP	90323	(01)	09:29	09:31	YES
TSC TATL - THOMPSON	90485	(01)	09:30	09:32	YES
TSC RAD MGR - HALL	70454	(01)	09:30	09:32	YES
TSC CHEM MGR – BLACK	40842	(01)	09:30	09:32	YES
TSC OPS MGR - SELLS	15751	(01)	09:30	09:32	YES
TSC OPS SPEC – RICE	60252	(01)	09:30	09:31	YES
TSC NUC SEC - SMITH	70692	(01)	09:30	09:33	YES
WESTINGHOUSE - WELLS	20700	(01)	09:30	09:33	YES
TSC NRCC – LUCAS	90944	(01)	09:30	09:33	YES

**ABORT** 

NEXT PAGE

PREVIOUS PAGE

## **PAGING SYSTEM STATUS DISPLAY**

**Browns Ferry Nuclear Plant** 

Start Time: 21 MIN AGO

Page 2 of 4

POSITION	PAGER NUMBER		PAGE TIME	RESPONSE TIME	CONFIRMED
TSC EP MGR - GRAY	30379	(01)	09:30	09:33	YES
SVP – CARTER	40127	(01)	09:30	09:33	YES
OSC COMM – SHARP	70670	(01)	09:30	09:33	YES
TSC LOGWRITER – WHITE	10163	(01)	09:30	09:32	YES
OSC EPC – WILLIAMS	90470	(01)	09:30	09:32	YES
OSC ASST. MGR. – MAY	30950	(01)	09:30	09:33	YES
OSC ASST MGR – BLACK	30560	(01)	09:30	09:32	YES
OSC MGR – CUNNINGHAM	90255	(01)	09:30	09:33	YES
OSC RAD SUPV – WEST	90469	(01)	09:30	09:31	YES
OSC MM - NELSON	90325	(01)	09:30	09:33	YES
OSC MM – NIXON	90306	(01)	09:30	09:31	YES
OSC EM - HECK	90265	(01)	09:30	09:33	YES
OSC EM - HENLEY	30821	(01)	09:30	09:33	YES
OSC IM - CORDELL	90347	(01)	09:30	09:30	YES

**ABORT** 

NEXT PAGE PREVIOUS PAGE

## PAGING SYSTEM STATUS DISPLAY

**Browns Ferry Nuclear Plant** 

Start Time: 21 MIN AGO

Page 3 of 4

POSITION	PAGER NUMBER		PAGE TIME	RESPONSE TIME	CONFIRMED
OSC IMB – ARNOLD	90348	(01)	09:30	09:32	YES
OSC PPM - COLEMAN	90555	(01)	09:30	09:33	YES
OSC NUC SEC - SHIFT LT.	90284	(01)	09:30	09:31	YES
OSC SAFETY - MILLER	40059	(01)	09:30	09:31	YES
OSC SAFETY – WALKER	70485	(01)	09:30	09:32	YES
OSC FIRE OPS – RUSSELL	90478	(01)	09:30	09:33	YES
TSC CLERK – DOLITTLE	40209	(01)	09:30	09:32	YES
tsc clerk – steve	90473	(01)	09:30	09:34	YES
tsc clerk – Jackie	40205	(01)	09:30	09:34	YES
tsc clerk – diane	60381	(01)	09:30	09:34	YES
OSC OPS ADV - MOSS	10319	(01)	09:30	09:34	YES
MEDIA SPECIALIST	40891	(01)	09:30	09:34	YES
NRC – POWELL	11020	(01)	09:30	09:34	YES
nrc – Brenda	11023	(01)	09:30	09:34	YES

**ABORT** 

NEXT PAGE PREVIOUS PAGE

## **PAGING SYSTEM STATUS DISPLAY**

**Browns Ferry Nuclear Plant** 

Start Time: 21 MIN AGO

Page 4 of 4

POSITION	PAGER NUMBER		PAGE TIME	RESPONSE TIME	CONFIRMED
NRC – HOWARD	11030	(01)	09:30	09:31	YES
OSC CLERK – SYKES	50779	(01)	09:30	09:33	YES
OPS ADV TAT - MCKEE	90143	(01)	09:30	09:32	YES
OPS ADV TAT – TURNER	30487	(01)	09:30	09:32	YES
OPS ADV TAT – PATTON	10802	(01)	09:30	09:34	YES
OSC CLERK – PAT	20608	(01)	09:30	09:34	YES
osc mgr – Robert	90663	(01)	09:30	09:31	YES

**ABORT** 

NEXT PAGE PREVIOUS PAGE 

## ORANGE WEEKLY DUTY LIST

### [From: This Tuesday 7:00am to Next Tuesday 7:00am] Pager Response Phone # 800-323-7915 or # 423-751-1799

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.

					Home	
		Position	Employee	Site Phone	Phone	Pager
		SITE EMERGENCY DIRECTOR	STONE, STEVEN	3781	(256) 555-1001	55511
#		TSC OPERATIONS MANAGER	SELLS, DAVID	2389	(256) 555-2389	15751
		CONTROL RM COMMUNICATOR	DUNSTON, MIKE	2783	(256) 555-1003	55513
#		TECHNICAL ASSESSMENT MGR	THOMAS, MICHAEL	2503	(256) 555-1004	55514
#		TSC RADCON MANAGER	FERGUSON, PAUL	2617	(256) 555-1005	55515
		MAINTENANCE MANAGER	FLOYD, DAN	3646	(256) 555-1006	55516
#		OSC DIRECTOR	KEMPER, RANDY	2431	(256) 555-1007	55517
#		OSC ELECTRICAL SUPERVISOR	MILLER, KATHY	6954	(256) 555-1008	55518
#		OSC I/C SUPERVISOR	TRUNK, WILLIAM	6204	(256) 555-1009	55519
#		OSC MECHANICAL SUPERVISOR	MERRY, SCOTT	6970	(256) 555-1010	55520
		OSC RADCON MANAGER	ON SHIFT RADCON SUPV.	3104	(256) 555-1011	55521
	*	TECHNICAL ASSESSOR #1	KINGSTON, JESSE	4751	(256) 555-1012	55522
		OSC ELECTRICAL ENGINEER	SAMSON, JAMES	7420	(256) 555-1013	55523
		OSC MECHANICAL ENGINEER	ELLIOTT, MICHAEL	7734	(256) 555-1014	55524
#		TSC CHEMISTRY MANAGER	HAMILTON, BRIAN	2682	(256) 555-1015	55525
		SITE VICE PRESIDENT	MALINOW, DAVE	3439	(256) 555-1016	55526
#	*	TSC OPERATIONS SPECIALIST	RICE, TODD	7972	(256) 555-1017	55527
#		TSC TECH ASSESSMENT TM LDR	THOMPSON, KELLY	2097	(256) 555-1018	55528
		ASST. RADCON MANAGER	CRAMER, CHRIS	2983	(256) 555-1019	55529
		TSC COMMUNICATOR	TOMEN, JENNIFER	7327	(256) 555-1020	55530
14		TECHNICAL ASSESSOR #2	MOORE, ALLEN	7521	(256) 555-1021	55531
()		EP MANAGER	FELT, ANTHONY	3666	(256) 555-1022	55532
1		NUCLEAR SECURITY MANAGER	ON SHIFT SECURITY SUPV.	2219	(256) 555-1023	55533
#		SITE ENGINEERING MANAGER	COVIN, JOHN	2427	(256) 555-1024	55534
#		ASSISTANT OSC DIRECTOR	HARRIS, JAMES	3195	(256) 555-1025	55535
		OSC TEAM MANAGER	SHULTY, RANDY	2040	(256) 555-1026	55536
		FIRE PROTECTION MANAGER	STEVEN, TERRY	2555	(256) 555-1027	55537
	*	OSC CHEMISTRY MANAGER	BELCHER, WILLIAM	7129	(256) 555-1028	55538
		OSC OPERATIONS MANAGER	JULY, JOHN	7677	(256) 555-1029	55539
		TSC TAT RX ENGINEER	WEATHER, WILLIAM	2389	(256) 555-1030	55540
#		NRC COORDINATOR	DUSTIN, STEVE	2070	(256) 555-1031	55541
		TSC STATUSBOARD WRITER	KENTSOM, JAMES	3177	(256) 555-1032	55542
		OSC STATUSBOARD WRITER #1	TANDIVER, LESLIE	7729	(256) 555-1033	55543
		OSC STATUSBOARD WRITER #2	GENTRIE, KELLY	7593	(256) 555-1034	55544
#		MATERIALS COORDINATOR	OCH, TIM	3868	(256) 555-1035	55545
		OSC STAGING AREA MANAGER	HILLMAN, TILLY	6171	(256) 555-1036	55546
		OSC DOCUMENT CONTROL	KURT, SUSAN	4654	(256) 555-1037	55547
		NRC RESIDENT #1	ROSSLYN, TERRY	2573	(256) 555-1038	55548
		NRC RESIDENT #2	TRESSEL, DAN	7583	(256) 555-1039	55549
		NRC RESIDENT #3	NEBAM, PHILLIP	2584	(256) 555-1040	55550
		NRC RESIDENT #4	STAN, WILLIAM	2594	(256) 555-1041	55551

#### ORANGE WEEKLY DUTY LIST

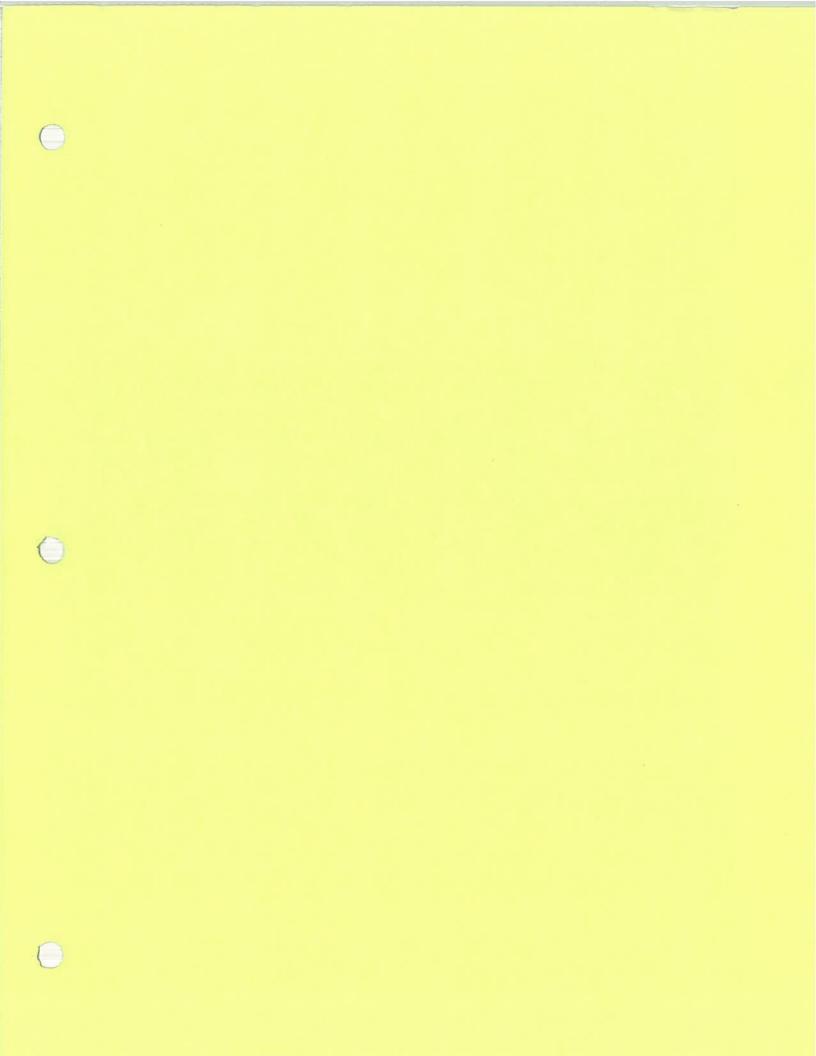
- # Incident Team Position
- \* Position Change

OR A DUTY CHANGE CONTACT EP, AT EXT. 2692 (IF THERE IS NO ANSWER PLEASE LEAVE A MESSAGE) & CONTACT THE UNIT 1, UNIT OPERATOR AT EXT. 2191.

# Duty List Changes ORANGE WEEKLY DUTY LIST

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.

<b>D</b>	27		Site	Home	_
Position	Name	Time Frame	Phone	Phone	Pager
SITE EMERGENCY DIRECTOR					
OPERATIONS MANAGER					
CONTROL RM					
COMMUNICATOR					
TECHNICAL ASSESSMENT					
MGR					
RADCON MANAGER					
MAINTENANCE MANAGER					
OSC DIRECTOR	-				
OSC ELECTRICAL SUPERVISOR					
OSC I/C SUPERVISOR	-				
OSC MECHANICAL					
SUPERVISOR					
OSC RADCON MANAGER					_
TECHNICAL ASSESSOR #1	HAMES, WILLIAM	This Tuesday - Next	4743	(256) 555 1042	55550
	TIAWES, WILLIAM	Tuesday - Next  Tuesday	4743	(256) 555-1042	55552
OSC ELECTRICAL ENGINEER					
OSC MECHANICAL ENGINEER					
CHEMISTRY MANAGER					
SITE VICE PRESIDENT					
OPERATIONS SPECIALIST	ROBERTS, DONALD	This Tuesday - Next Tuesday	7971	(256) 555-1043	55553
TECH ASSESSMENT TM					
LEADER				Ш.	
T. RADCON MANAGER					
SC COMMUNICATOR					
TECHNICAL ASSESSOR #2					
EP MANAGER					
NUCLEAR SECURITY		1			
MANAGER					
SITE ENGINEERING					
MANAGER					
ASSISTANT OSC DIRECTOR					
OSC TEAM MANAGER					
FIRE PROTECTION MANAGER	DITCHED DODEDT	THE TOTAL STATE OF		(2.5)	
OSC CHEMISTRY MANAGER	PITCHER, ROBERT	This Tuesday - Next Tuesday	7442	(256) 555-1044	55554
OSC OPERATIONS MANAGER					
OSC I/C ENGINEER					
NRC COORDINATOR					
TSC STATUSBOARD WRITER					
OSC STATUSBOARD WRITER		***			
#1					
OSC STATUSBOARD WRITER #2					
MATERIALS COORDINATOR					
OSC STAGING AREA	1.32				
MANAGER					
OSC DOCUMENT CONTROL					
NRC RESIDENT #1					
NRC RESIDENT #2					
NRC RESIDENT #3					
C RESIDENT #4					



Signature

# Radiological Emergency Personnel Callout List

#### Instructions:

MRSSACE .

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### SITE EMERGENCY DIRECTOR (Contact 1 )

"We have a (an)

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #		Address	
	BONO, STEVEN M.	ORANGE	(555) 555-3781	(555) 555-1149	10177	, AL		
	HUGHES, DANIEL L.	RED	(555) 555-2555	(555) 555-6518	11704	, AL		
	KIMBERLIN, JEFFREY A.	GREEN	(555) 555-6213	(555) 555-0969	10181	, AL		
	RASMUSSEN, MATTHEW	BLUE	(555) 555-2555	(555) 555-0174	19116	, AL		

			cacion at	Nuclear	Piant.	riease repo	rt to v	our emerae	encv
	station immediately	to fill your as	signed position".	<del></del>		-	-	<b>J</b>	2
ASK TH	E FOLLOWING QUESTIONS:								
1) Have	e you consumed alcohol wi	thin the past fi	ve hours? YES or NO	(If YES, instru	ct not to	o report an	d call	next name	. )
2) Are	you fit for duty? YES or	NO (If NO, inst	ruct not to report	and call next na	me.)		2	none name	• ,

classification at

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OPERATIONS MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	BAKER, WILLIAM J.	GREEN	(555) 555-3271	(555) 555-6340	11741	, AL		
-	HAMMETT, MICKEY S.	BLUE	(555) 555-7616	(555) 555-4245	91445	, AL		
	MORRISON, JEFFERY D.	ORANGE	(555) 555-7921	(555) 555-0360	95939	, AL		
	VAUGHN, CHRIS L.	RED	(555) 555-2213	(555) 555-7232	10889	, AL		

MESSAGE:	"We have a (an)	<del></del>	ification at $\_$		Nuclear	Plant.	Please	report	to you	r emergency
	station immediate	ly to fill your	assigned posit	cion".						
	COLLOWING QUESTIONS:									
1) Have y	you consumed alcohol	within the past	five hours? Y	s or NO (If YES,	, instru	ct not	to repor	t and	call ne	xt name.)
2) Are yo	ou fit for duty? YES	or <u>NO</u> (If NO, ir	istruct not to	report and call	next nar	ne.)				
							Signa	ture		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## CONTROL RM COMMUNICATOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted Name	Team	Work Phone	Home Phone	Pager #	Address			
BINKLEY, DONALD C. JR	RED	(555) 555-3959	(555) 555-6485	30413	, AL			
GIBSON, MICHAEL	GREEN	(555) 555-2783	(555) 555-0655	11829	, AL			
RUBY, JORDEN	ORANGE	(555) 555-2783	(555) 555-6506	15751	, AL			
THARPE, MICHAEL	BLUE	(555) 555-3949	(555) 555-4048	15750	, AL			

MESSAGE:	"We have a(an) station immediately	classification to fill your assigned		Nuclear P	lant.	Please	report	to you	ır emergend	;7
1) Have you	LLOWING QUESTIONS:  1 consumed alcohol wifit for duty? YES or	thin the past five hou ${ m NO}$ (If NO, instruct r	urs? <u>YES</u> or <u>NO</u> (If YES, not to report and call	instruct next name	not t	o repor	t and o	call ne	ext name.)	
						Signat	ure		<u> </u>	-

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### TECHNICAL ASSESSMENT MGR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
В	RUCE, MICHAEL B.	ORANGE	(555) 555-3079	(555) 555-5280	11845	, AL		
D	ONAHUE, PETE	RED	(555) 555-2660	(555) 555-8003	11920	, AL		
D	URR, MICHAEL J.	ORANGE	(555) 555-2503	(555) 555-5119	15433	, AL		
F	REVOLD, ERIC J.	BLUE	(555) 555-7826	(555) 555-3218	10600	, AL		
K	ING, RONALD	GREEN	(555) 555-2016	(555) 555-5255	70942	, AL		

MESSAGE:	"We have a(an)station immediately to fil:	classification at	Nuclear Pl	lant. 1	Please re	port to	your	emergency
1) Have you	LOWING QUESTIONS: consumed alcohol within the fit for duty? YES or NO (If	e past five hours? $\underline{YES}$ or $\underline{NO}$ (If YES NO, instruct not to report and call	, instruct next name.	not to	o report a	and call	next	name.)
					Signatur	re		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### RADCON MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	COLE, TONY ALLEN	BLUE	(555) 555-2400	(555) 555-1570	95775	, AL	
	COWAN, STEVEN R.	RED	(555) 555-6262	(555) 555-2261	15336	, AL	
	FERGUSON, JOE NORRIS, ROBERT	ORANGE GREEN	(555) 555-2617 (555) 555-2490	(555) 555-1843 (555) 555-0013	11244 19184	, AL , AL	

MESSAGE:		ve a(an) _ n immediate			ificatio assigne		n" .	_ Nuclear	Plant.	Please	report	to	your	emergency
1) Have y	ou consume	QUESTIONS: ed alcohol duty? YES	within or <u>NO</u> (	the past If NO, i	five ho nstruct	ours? <u>YES</u> on not to reg	or <u>NO</u> (If YE port and cal	S, instru l next na	ct not me.)	to repo	rt and	call	next	name.)
							_			Signa	ture		<del>.</del>	

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## **MAINTENANCE MANAGER** (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	BROWN, STEVE	RED	(555) 555-2647	(555) 555-8046	15300	, AL		
	FLOYD, MARK	GREEN	(555) 555-3646	(555) 555-6495	15090	, AL		
<del>-</del>	MCBAY, BLAKE	BLUE	(555) 555-7799	(555) 555-1321	20640	, AL		
-	REDING, RICHARD J.	ORANGE	(555) 555-6483	(555) 555-6919	91347	, AL		

Message:	"We have a(an) station immediatel	classification at y to fill your assigned position".	Nuclear Plant.	Please report	to your	emergency
1) Have you	LLOWING QUESTIONS: u consumed alcohol w fit for duty? YES o	within the past five hours? YES or NO (or NO (If NO, instruct not to report and	(If YES, instruct not nd call next name.)	to report and o	call nex	t name.)
				Signature		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC DIRECTOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
_	FLOWERS, DAVID F.	ORANGE	(555) 555-7400	(555) 555-1398	95065	, AL			
	GANDENBERGER, DONALD J.	RED	(555) 555-3170	(555) 555-5861	15681	, AL			
	KELLEY, SCOTT	BLUE	(555) 555-3160	(555) 555-1771	40374	, AL			
	KEMP, REGINALD A.	GREEN	(555) 555-2431	(555) 555-6419	10107	, AL			

MESSAGE:	"We have a(an)station immediately to fil	classification atl your assigned position".	Nuclear Pla	ant. Please	report to you	ur emergency
1) Have you	LOWING QUESTIONS: a consumed alcohol within the fit for duty? YES or NO (If	e past five hours? <u>YES</u> or <u>NO</u> (If YES NO, instruct not to report and call	, instruct next name.)	not to report )	and call no	ext name.)

Signature

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC ELECTRICAL SUPERVISOR (Contact 1 )

Time					Pager	
Contacted	Name	Team	Work Phone	Home Phone	#	Address
	BAXTER, BEN		(555) 555-6015	(555) 555-6068	91349	, AL
	CAMARGO, SUSAN M.		(555) 555-7983	(555) 555-6187	92623	, AL
	HARROLD, STEVEN		(555) 555-7735	(555) 555-0772	15099	, AL
	POWERS, JAMES J.		(555) 555-7735	(555) 555-7343	15022	, AL
	PULLER, EDGAR L.		(555) 555-7735	(555) 555-0685	10977	, AL
	SPEARS, STEPHEN		(555) 555-7735	(555) 555-1744	15098	, AL
	WALTON, M. SHAWN		(555) 555-3265	(555) 555-5094	95300	, AL
	WENDELL, RODNEY		(555) 555-7735	(555) 555-0085	95531	, AL

MESSAGE:	"We have a(an)station immediately to i	classification atill your assigned position".	Nuclear	Plant.	Please	report	to you	ur emergenc	У
1) Have y	FOLLOWING QUESTIONS: You consumed alcohol within ou fit for duty? YES or NO	the past five hours? $\underline{\text{YES}}$ or $\underline{\text{NO}}$ If NO, instruct not to report a	(If YES, instrund call next na	ict not ime.)	to repor	rt and o	call ne	ext name.)	
					Signa	ture			

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC I/C SUPERVISOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
	WEAVER, DWIGHT A.	BLUE	(555) 555-3253	(555) 555-9115	60824	, AL			
	BURCHAM, JOSHUA J.	ORANGE	(555) 555-2039	(555) 555-6967	15711	, AL			
	CRUNK, WILLIAM T.	ORANGE	(555) 555-6204	(555) 555-2766	60593	, AL			
	JOHNSON, DAVID L.	GREEN	(555) 555-2039	(555) 555-0823	14962	, AL			
	JOHNSON, MICHEAL P.	RED	(555) 555-3642	(555) 555-9188	11772	, AL			
	SOLLEY, JACKIE L.	BLUE	(555) 555-2422	(555) 555-4404	30850	, AL			
	TOMLINSON, MARK E.	RED	(555) 555-3638	(555) 555-8821	14680	, AL			

MESSAGE:	"We have a(an) station immediate		ification at _ assigned posi		Nuclear	Plant.	Please	report	to your	emergenc
1) Have you	LOWING QUESTIONS: consumed alcohol fit for duty? YES	within the past or <u>NO</u> (If NO, in	five hours? <u>Y</u> nstruct not to	ES or NO (If ) report and ca	YES, instru all next na	ct not me.)	to repo	rt and o	call nex	t name.)
							Signa	ture		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC MECHANICAL SUPERVISOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
E	BORDER, JUDI B.	BLUE	(555) 555-3080	(555) 555-6235	90721	, AL		
A	ATCHLEY, DELMER D.	RED	(555) 555-7504	(555) 555-2376	95467	, AL		
M	MERRINER, SCOTT E.	ORANGE	(555) 555-6970	(555) 555-2806	14408	, AL		
v	IDALIER, KELLY J.	GREEN	(555) 555-2403	(555) 555-6654	15091	, AL		

MESSAGE:	"We have a(an)	classification at	Nuclear H	Plant.	Please	report	to vour	emergency
	station immediatel	y to fill your assigned position".	<del></del>			•		2
ASK THE FO	LLOWING QUESTIONS:							
1) Have yo	ou consumed alcohol w	within the past five hours? YES or NO	(If YES, instruct	not t	o repor	t and c	all nex	t name.)
2) Are you	fit for duty? YES o	or NO (If NO, instruct not to report a	nd call next name	e.)	_			
			·		Signat	ure		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC RADCON MANAGER (Contact 1 )

Time Contacted	Name		Wards Dis		Pager	
Concacted		Team	Work Phone	Home Phone	u#	Address
<u>.</u>	CAGLE-JAUDON, TERRI		(555) 555-6186	(555) 555-9762	96007	, AL
	CARSON, DONNA D.		(555) 555-7179	(555) 555-9076	12407	, AL
	HAMILTON, ANTHONY T.		(555) 555-2576	(555) 555-3031	95641	, AL
	HENRY, KENNETH		(555) 555-3063	(555) 555-5651	11773	, AL
	JOHNSON, DAVID S.		(555) 555-3104	(555) 555-9938	95779	, AL
	KELLER, JOE E.		(555) 555-3104	(555) 555-7339	12412	, TN
	ON SHIFT RADCON SUPV.		(555) 555-3104		90500	
	SCONE, GEORGE E.		(555) 555-3793	(555) 555-3586	15334	, AL
	WEBB, ROBERT G.		(555) 555-3104	(555) 555-9484	95773	, AL

MESSAGE:	"We have a(an)	classification at	Nuclear P	lant. Plea	ase report	to your	emergency
	station immediately	to fill your assigned position".				,	
	LLOWING QUESTIONS:						
1) Have yo	u consumed alcohol wi	thin the past five hours? YES or NO (	If YES, instruct	not to re	port and	call nex	t name.)
2) Are you	fit for duty? YES or	NO (If NO, instruct not to report an	d call next name	.)			
		e.					
				Si	gnature		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## TECHNICAL ASSESSOR #1 (Contact 1 )

	information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Addres	s			
	DE LA GARZA, RODRIGO		(555) 555-4704	(555) 555-1570	70935	, AL				
	HAYES, WILLIAM R.		(555) 555-4743	(555) 555-4938	10218	, AL				
	KING, JESSE V.		(555) 555-4751	(555) 555-2720	70565	, AL				
	LONG, TELISSA K.		(555) 555-4748	(555) 555-3593	90228	, AL				
	MARSH, DAVID		(555) 555-4782	(555) 555-4664	15016	, AL				
	STORCH, ROBERT H.		(555) 555-4740	(555) 555-9463	13427	, AL				
	WILLIAMSON, BILL T.		(555) 555-4725	(555) 555-5007	10292	, AL				

MESSAGE:	"We have a(an)	classification at	Nuclear Plant	. Please report to	vour emergenc
	station immediately	to fill your assigned position".		•	<b>,</b>
ASK THE FO	OLLOWING QUESTIONS:				
1) Have yo	ou consumed alcohol wit	thin the past five hours? YES or N	O (If YES, instruct not	to report and cal.	l next name.)
2) Are you	u fit for duty? YES or	NO (If NO, instruct not to report	and call next name.)	-	,
				Signature	<del> </del>
				DIGHACULE	

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC ELECTRICAL ENGINEER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	BELCHER, AMOS H.	BLUE	(555) 555-3169	(555) 555-2113	40962	, AL	
	BOUSLOG, WILLIAM	GREEN	(555) 555-7589	(555) 555-9432	15213	, AL	
	HOANG, WILL	RED	(555) 555-3140	(555) 555-1158	14338	, AL	
	SAMPSON, JAMES R.	ORANGE	(555) 555-7420	(555) 555-8250	10178	, AL	

MESSAGE:	"We have a (an)	classifica		Nuclear	Plant.	Please	report	to you	r emergency
	station immediate	ly to fill your assi	gned position".						
	LLOWING QUESTIONS:								
1) Have yo	u consumed alcohol	within the past five	hours? YES or NO (	If YES, instru	ct not	to repor	t and	all ne	kt name.)
2) Are you	fit for duty? YES	or $\underline{\text{NO}}$ (If NO, instru	ct not to report and	d call next na	ime.)				
				1		Signa	ture		<del></del>

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### OSC MECHANICAL ENGINEER (Contact 1 )

Time		tion is prohibited by the	计图片 美国美国		Pager	
Contacted	Name	Team	Work Phone	Home Phone	#	Address
	CURTHS, DAVID W.	BLUE	(555) 555-7955	(555) 555-4488	60275	, AL
	KIRBY, EDWARD E.	ORANGE	(555) 555-3168	(555) 555-2706	14213	, AL
	MINGUS, III THOMAS M.	RED	(555) 555-7315	(555) 555-1665	60826	, AL
	ELLETT, MICHAEL	ORANGE	(555) 555-7734	(555) 555-2997	11980	, AL
	GRONEK, JAMES W.		(555) 555-6903	(555) 555-8046	95555	, AL
	HENDERSON, MICHAEL	GREEN	(555) 555-7494	(555) 555-1392	70504	, AL
	INGRAM, SANDY	RED	(555) 555-2685	(555) 555-9461	20015	, AL
	ROBBINS, LUKE	GREEN	(555) 555-3149	(555) 555-3180	14891	, AL
	STAFFORD, LARRY T.	BLUE	(555) 555-5553	(555) 555-6741	11756	, AL

Message:	"We have a(an)	classification at	Nuclear Plant. Please report to your emergency
	station immediately t	o fill your assigned position".	
ACE THE	FOLLOWING OFFICTIONS.		

- 1) Have you consumed alcohol within the past five hours?  $\underline{\text{YES}}$  or  $\underline{\text{NO}}$  (If YES, instruct not to report and call next name.)
- 2) Are you fit for duty? YES or NO (If NO, instruct not to report and call next name.)

Signature	

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## CHEMISTRY MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
BLA	CK, JOHNNIE S.	RED	(555) 555-2036	(555) 555-1473	20103	, AL	
CAM	P, H. ARNIE	GREEN	(555) 555-2640	(555) 555-5108	20107	, AL	
FEN	TON, JEFFERY D.	BLUE	(555) 555-2974	(555) 555-5810	20124	, AL	
HAM	ILTON, BRYAN W.	ORANGE	(555) 555-2682	(555) 555-1565	60731	, AL	
UND	ERWOOD, JOHN W.		(555) 555-3707	(555) 555-2887	11162	, AL	

MESSAGE:	"We have a(an)station immediately to fi	classification at	Nuclear Plant.	Please report	to your	emergency
1) Have you	LOWING QUESTIONS:  consumed alcohol within the fit for duty? YES or NO (I.	he past five hours? $\underline{YES}$ or $\underline{NO}$ (If YES NO, instruct not to report and call	s, instruct not next name.)	to report and	call next	: name.)
				Signature	1100	

Signature

# Radiological Emergency Personnel Callout List

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## SITE VICE PRESIDENT (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	CHASE, PHIL L.	BLUE	(555) 555-3035	(555) 555-5967	14574	, AL	
	MALINOWSKI, DAVID A.	ORANGE	(555) 555-3439	(555) 555-6658	60885	, AL	
1	MARLOW, THOMAS A.	GREEN	(555) 555-3078	(555) 555-6473	14043	, AL	
	MORRIS, JEFF	RED	(555) 555-3957	(555) 555-9609	15943	, AL	
	PIERCE, BILLY W.	RED	(555) 555-3607	(555) 555-6944	55584	, AL	

MESSAGE:	"We have a(an)	classification at	Nuclear	Plant.	Please	report	to your	emergency
	station immediately to fill					_	-	3 1
1) Have you	COWING QUESTIONS:  consumed alcohol within the Eit for duty? YES or NO (If	e past five hours? <u>YES</u> or <u>NO</u> (If YES, NO, instruct not to report and call	instruc next nam	ct not t	to repor	t and o	call nex	t name.)

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OPERATIONS SPECIALIST (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	BARKER, JEFFREY S.	BLUE	(555) 555-7953	(555) 555-5559	30547	, AL	
	BENNETT, JOSEPH G.	RED	(555) 555-7545	(555) 555-6083	13487	, AL	
	ROBERTSON, DONALD T.	ORANGE	(555) 555-7971	(555) 555-3502	94801	, AL	
	STOVALL, MICHAEL G.	GREEN	(555) 555-3227	(555) 555-2365	13146	, AL	

MESSAGE:	"We have a(an)	classification	at	Nuclear Plan	nt. Please	report	to your	emergency
	station immediately	to fill your assigned	position".			-	<b>2</b>	
	OLLOWING QUESTIONS:							
1) Have y	ou consumed alcohol wit	hin the past five hour	rs? YES or NO (If YES,	instruct no	ot to repo	rt and ca	all nex	t name.)
2) Are yo	u fit for duty? YES or	$\overline{ ext{NO}}$ (If $\overline{ ext{NO}}$ , instruct no	ot to report and call	next name.)				
					Signa	ture		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## TECH ASSESSMENT TM LEADER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	FORD, DAVID K.	ORANGE	(555) 555-2097	(555) 555-8347	11776	, AL	
	GROOM, KEVIN L.	BLUE	(555) 555-7491	(555) 555-2122	90241	, AL	
	KECK, JAMES M.	RED	(555) 555-4750	(555) 555-3128	10255	, AL	
	NILSEN, FREDERICK J.	GREEN	(555) 555-2958	(555) 555-2093	10244	, AL	

MESSAGE:	"We have a(an)station immediately		fication at assigned position		Nuclear	Plant.	Please	report	to y	your	emergency
1) Have you	LLOWING QUESTIONS: u consumed alcohol wit fit for duty? YES or	hin the past f NO (If NO, ins	Five hours? <u>YES</u> ostruct not to rep	r <u>NO</u> (If YES ort and call	, instrud next nam	ct not me.)	to repor	rt and o	call	next	name.)
							Signa	ture			

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## ASST. RADCON MANAGER (Contact 1 )

	ir	formation is prohibited by	the Privacy Act and is	punishable by law.	•	
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address
	COLE, AIMEE	GREEN	(555) 555-6276	(555) 555-1570	95778 ,	AL
	CREAMER, CHARLES E.	ORANGE	(555) 555-2983	(555) 555-8021	30053 ,	AL
	DUNCAN, JOSHUA A.	BLUE	(555) 555-2996	(555) 555-4733	14508 ,	AL
	HARRIS, JIM		(555) 555-2968	(555) 555-1186	55585 ,	AL
	PETE, WENDELL F.		(555) 555-6364	(555) 555-1141	96012 ,	AL
	SCHMEHL, RICHARD S.	RED	(555) 555-2007	(555) 555-4617	30213 ,	TN

MESSAGE:	"We have a(an)	class:	ification at	:	Nuclear	Plant.	Please	report	to s	vour	emergency
	station immediatel	y to fill your	assigned po	sition".				•	2		
ASK THE	FOLLOWING QUESTIONS:										
1) Have	you consumed alcohol w	ithin the past	five hours?	YES or NO (If Y	ES, instru	ct not	to repo	rt and	call	next	name.)
2) Are yo	ou fit for duty? YES o	r <u>NO</u> (If NO, in	nstruct not	to report and ca	ll next na	me.)					
								_			
							Signa	ture			

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### TSC COMMUNICATOR (Contact 1 )

	THOIR THE PROPERTY OF THE PROP	mation is prombited by	the Privacy Act and is	burnstiable by law.		
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address
	BURTON, JAMES W.	BLUE	(555) 555-7938	(555) 555-8772	10599	, AL
	JACKSON, JASON	GREEN	(555) 555-7666	(555) 555-6592	10133	, AL
	COMEENS, JENNIFER	ORANGE	(555) 555-7327	(555) 555-4285	14889	, AL
	FOWLER, LAKESHA M.	GREEN	(555) 555-3089	(555) 555-8580	14888	, AL
	LEONARD, QUINN	BLUE	(555) 555-7320	(555) 555-9979	20083	, AL
	MITCHELL, CHANNING	ORANGE	(555) 555-7754	(555) 555-8796	15159	, AL
	PEYTON, ANDREW	RED	(555) 555-2474	(555) 555-9935	10028	, AL

MESSAGE:	"We have a(an)	classification	n at	Nuclear Plan	t. Please	report	to your	emergency
	station immediately	to fill your assigned	d position".			-	•	J
	LLOWING QUESTIONS:							
1) Have yo	u consumed alcohol wi	thin the past five how	urs? YES or NO (If YES	, instruct not	t to repor	t and c	all nex	t name.)
2) Are you	fit for duty? YES of	$\frac{NO}{NO}$ (If NO, instruct in	not to report and call	next name.)				
					Signat	ture		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## TECHNICAL ASSESSOR #2 (Contact 1 )

Time					Pager	
Contacted	Name	Team	Work Phone	Home Phone	#	Address
	DOLLAR, CHARLES K.	ORANGE	(555) 555-3141	(555) 555-1387	70853	AL
	JONES III, W. CASEY	BLUE	(555) 555-7388	(555) 555-5031	11780	AL
	MOORE, SAMUEL W.	GREEN	(555) 555-7521	(555) 555-2197	10504	AL
	BAILES, CHARLES	RED	(555) 555-7651	(555) 555-3454	12549	AL
	MOXLEY, ROBERT	RED	(555) 555-2754	(555) 555-9787	40936	AL
	OATES, JANECZKA	BLUE	(555) 555-7623	(555) 555-6170	15921 ,	AL
	REISCHMAN, CHRIS	GREEN	(555) 555-8452	(555) 555-2244	•	AL
	WILSON, CHRIS	ORANGE	(555) 555-6070	(555) 555-7960	•	AL

MESSAGE:	"We have a(an)station immediately to fil	classification atl your assigned position".	Nuclear Plant.	Please report to	o your emergenc
l) Have you	LOWING QUESTIONS:  consumed alcohol within the fit for duty? YES or NO (If	e past five hours? <u>YES</u> or <u>NO</u> (If YES NO, instruct not to report and call	, instruct not mext name.)	to report and ca	ll next name.)

Signature

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## **EP MANAGER** (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #		Address
	FELTMAN, ANTHONY H.	ORANGE	(555) 555-3666	(555) 555-5062	90759	, AL	
	COLEMAN, ROB L.	BLUE	(555) 555-3958	(555) 555-4490	55581	, AL	
	TIDWELL, BRADLEY F.	RED	(555) 555-3108	(555) 555-6792	11934	, AL	
	WALDREP, JOHN R.	GREEN	(555) 555-2038	(555) 555-0296	60561	, AL	

Message	we nave a(an)	classification at	Nuclear P	lant.	Please	report	to vo	our emer	caency
	station immediately to fi	l your assigned position".	•			•	•		· J 2
ASK THE	FOLLOWING QUESTIONS:								
1) Have	you consumed alcohol within t	me past five hours? YES or NO (If YES	, instruct	not t	o repor	t and	call r	ext nam	ne.)
2) Are y	you fit for duty? YES or NO (I	NO, instruct not to report and call	next name.	.)					,
		<del></del>							
					Signat	<b>ure</b>			

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## NUCLEAR SECURITY MANAGER (Contact 1 )

Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address
	BRYANT, GRADY L.		(555) 555-3150	(555) 555-1018	The state of the s	, AL
	CHURCHWELL, SHANNON D.		(555) 555-3479	(555) 555-6907	30105	, AL
	ELLENBURG, GREGORY A.		(555) 555-4955	(555) 555-2064	91870	, AL
	EMBERY, DONALD L.		(555) 555-3692	(555) 555-9571		, AL
	ISBELL, JUSTIN T.		(555) 555-2219	(555) 555-9892		, AL
	NEWTON, JAMES R.		(555) 555-3150	(555) 555-8844	10214	, AL
	ON SHIFT SECURITY SUPV.		(555) 555-2219	(555) 555-2219	10214	
	PARKER, PATRICK L.		(555) 555-3028	(555) 555-1030	60812	, AL
	SLOAN, DAVID C.		(555) 555-2219	(555) 555-4628	•	, AL
	ULTZ, RONALD B.		(555) 555-2219	(555) 555-1389		AL

MESSAGE:	"We have a(an)station immediately to	classification at fill your assigned position".	Plant.	Please	report	to your	emergency
ASK THE	FOLLOWING QUESTIONS:						

- 1) Have you consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report and call next name.)
- 2) Are you fit for duty? YES or NO (If NO, instruct not to report and call next name.)

Signature	ψ:	

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## SITE ENGINEERING MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	BOONE, MICHAEL J.	GREEN	(555) 555-7402	(555) 555-2851	95013	, AL	
	COLVIN, JOHN E.	ORANGE	(555) 555-2427	(555) 555-2316	15131	, AL	
	LOVVORN, SHANNON	BLUE	(555) 555-7618	(555) 555-6939	12413	, AL	
	SAMARAS, STEPHEN	BLUE	(555) 555-7509	(555) 555-4060	30461	, AL	
	WEBSTER, DAN	RED	(555) 555-7902	(555) 555-5265	95809	, AL	
	YARBROUGH, J. ANGEL	GREEN	(555) 555-2524	(555) 555-3042	11723	, AL	

MESSAGE:	"We have a(an)	classi	ification at		Nuclear	Plant.	Please	report	to your	emergency
	station immediate	ly to fill your	assigned posi					-	-	, ,
ASK THE FO	LLOWING QUESTIONS:									
1) Have yo	ou consumed alcohol	within the past	five hours?	YES or NO (If YES,	instru	ct not	to repor	t and	call nex	t name.)
	fit for duty? YES						-			•
				-						
							Signa	ture		

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## ASSISTANT OSC DIRECTOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #		Address	
HAR	RIS, PAUL	ORANGE	(555) 555-3195	(555) 555-2232	90414	, AL		
PAT	TERSON, THOMAS B.	RED	(555) 555-4841	(555) 555-1368	15149	, AL		
SKA	RP, ROGER T.	BLUE	(555) 555-6974	(555) 555-8340	15314	, AL		
STA	RBUCK, WILLIAM C.	GREEN	(555) 555-2039	(555) 555-7720	15224	, AL		

MESSAGE:	"We have a(an)	classification at	Nuclear	Plant.	Please	report (	o vour	emergency
	station immediatel	y to fill your assigned position".	2			•	•	<b>JJ</b>
ASK THE F	OLLOWING QUESTIONS:							
		ithin the past five hours? YES or			to report	t and ca	ill nex	t name.)
2) Are yo	u fit for duty? <u>YES</u> o	r ${ m NO}$ (If NO, instruct not to repor	t and call next na	me.)				
					Signat	ure		

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC TEAM MANAGER (Contact 1 )

information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
	QUINN, BERNARD	<del></del>	(555) 555-7137	(555) 555-9973	96032	, AL			
	CABLE, JEFFREY C.		(555) 555-6074	(555) 555-1025	96037	, AL			
	HOGAN, STEVE		(555) 555-7783	(555) 555-5077	30087	, AL			
	HUNTER, DOUGLAS E.		(555) 555-6496	(555) 555-6766	96031	, AL			
-	LEINNEWEBER, VERNON E.		(555) 555-6211	(555) 555-0035	40378	, AL			
-	SHULTS, TRAVIS		(555) 555-2040	(555) 555-7136	70562	, AL			

MESSAGE:	"We have a(an)	classification at	Nuclear	Plant.	Please	report	to your	emergency
	station immediately	to fill your assigned position".				•	2 - 2	
ASK THE FO	LLOWING QUESTIONS:							
1) Have yo	ou consumed alcohol wi	thin the past five hours? YES or $NO$	(If YES, instru	ct not	o repor	t and	call nex	t name.)
2) Are you	fit for duty? YES or	NO (If NO, instruct not to report	and call next nam	ne.)				
					Signa	ture		-

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## FIRE PROTECTION MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	BRYANT, MICHAEL R.	GREEN	(555) 555-2971	(555) 555-5856	10297	, AL		
	SMITH, HAYDEN STEPHENS, THOMAS B. JR	RED OR <b>AN</b> GE	(555) 555-2468 (555) 555-2555	(555) 555-0619 (555) 555-2555	60274 10923	, AL , AL		

MESSAGE:	"We have a(an)station immediately to fill	classification at	Nuclear	Plant.	Please	report	to you	ır emergency
1) Have you	consumed alcohol within the fit for duty? YES or NO (If	e past five hours? <u>YES</u> or <u>NO</u> (If YES NO, instruct not to report and call	, instruc next nam	ct not (	to repor	t and o	call ne	ext name.)
					Signat			

Signature

## Radiological Emergency Personnel Callout List

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC CHEMISTRY MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
PIT	COCK, ROBERT E.	-	(555) 555-7442	(555) 555-5095	20117	, AL	
LOU	ALLEN, BARRY E.		(555) 555-2959	(555) 555-4045	10868	, AL	
OLI	VER-BELCHER, TRACI		(555) 555-7129	(555) 555-2113	90392	, AL	
REY	NOLDS, ALBERT		(555) 555-3242	(555) 555-9040	11326	, AL	
ROB	INSON, DOUGLAS C.		(555) 555-2913	(555) 555-0123	10888	, AL	

MESSAGE:	"We have a(an)station immediately to fil:	classification atl your assigned position".	Nuclear Plant.	Please report	to your	emergency
1) Have you	LOWING QUESTIONS:  consumed alcohol within the fit for duty? YES or NO (If	e past five hours? $\underline{\text{YES}}$ or $\underline{\text{NO}}$ (If YES NO, instruct not to report and call	, instruct not next name.)	to report and	call next	name.)

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC OPERATIONS MANAGER (Contact 1 )

Time					Pager	
Contacted	Name	Team	Work Phone	Home Phone	#	Address
-	BRANAM, DANA L.	RED	(555) 555-2927	(555) 555-8848	14765	, AL
	TAYLOR, THOMAS P.	BLUE	(555) 555-2171	(555) 555-8559	60088	, AL
	BOHANAN, TODD A.	GREEN	(555) 555-7972	(555) 555-3874	15444	, AL
	BOLAND, TIMOTHY D.	ORANGE	(555) 555-7109	(555) 555-5321	14155	, AL
1000	HOLLIDAY, JOHN E.	RED	(555) 555-2489	(555) 555-8984	15563	, AL
	HOLM, RANDALL O.	BLUE	(555) 555-3002	(555) 555-2261	12696	, AL
	SCOTT, TIMOTHY L.		(555) 555-2190	(555) 555-4328	15237	, AL

MESSAGE	: "We have a(an)	classifica	tion at	Nuclea	r Plant.	Please	report	to your	emergency
	station immediately	to fill your assi	gned position".	<del>-</del>			-	•	52
	FOLLOWING QUESTIONS:								
	you consumed alcohol wit you fit for duty? YES or					to repor	t and	call nex	t name.)
z, Ale	you lit for duty? <u>IBS</u> or	NO (II NO, INSCIU	et not to report a	and call next i	ame.)				
				1					
						Signat	cure		

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### TSC TAT RX ENGINEER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	HIPPS, ANTHONY R.	BLUE	(555) 555-2389	(555) 555-5182	55550	, AL		
	STEVENS, LEONARD G.	GREEN	(555) 555-2389	(555) 555-6217	55578	, AL		
	MERGY, STEPHEN D.	RED	(555) 555-2389	(555) 555-1067	55528	, AL		
	WEATHER, WILLIAM C.	ORANGE	(555) 555-2389	(555) 555-6962	55501	, AL		

Message:	"we have a (an) _		CIASSII	ication	at		Nuclear	Plant.	Please	report	to	your	emergency
	station immediate	ely to fil	l your a	ssigned	position"	•				_		-	
ASK THE FO	OLLOWING QUESTIONS:												
1) Have yo	ou consumed alcohol	within th	e past f	ive hour	s? YES or	NO (If YES	, instru	ct not	to repor	ct and	call	. next	name.)
	fit for duty? YES								_				
									Signa	ture			870.

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### NRC COORDINATOR (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.							
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address	
	AUSTIN, STEVE W.	ORANGE	(555) 555-2070	(555) 555-9567	60737	, AL	
	OLIVER, MICHAEL W.	RED	(555) 555-7874	(555) 555-2028	14110	, AL	
	BATES, RICHARD ERIC	GREEN	(555) 555-7180	(555) 555-4314	15257	, AL	
	EMENS, JAMES E. JR	BLUE	(555) 555-2636	(555) 555-4669	10980	, AL	

MESSAG	<b>E:</b> "We have a(an)	classification at	Nuclear	Plant.	Please	report	to vo	ur emergency
	station immediately to f	ill your assigned position".	_			<b>-</b>	10 10	
ASK TH	E FOLLOWING QUESTIONS:							
1) Hav	re you consumed alcohol within	the past five hours? $\underline{\mathtt{YES}}$ or $\underline{\mathtt{NO}}$ (If $\mathtt{YE}$	S, instru	ct not	to repor	rt and	call no	ext name.)
2) Are	you fit for duty? $\underline{\mathtt{YES}}$ or $\underline{\mathtt{NO}}$ (	If NO, instruct not to report and cal	l next na	me.)				
		_			Signa	ture		

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## TSC STATUSBOARD WRITER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	SKINNER, KEITH	GREEN	(555) 555-2649	(555) 555-2009	14111	, AL		
	WETZEL, STEWART A.	RED	(555) 555-7556	(555) 555-9919	90591	, AL		
	CRITTENDEN, GERALD L.	ORANGE	(555) 555-7886	(555) 555-4693	15136	, AL		
	DISSPAIN, JAIME L.	BLUE	(555) 555-7403	(555) 555-0555	14890	, AL		
	GARNER, FRANKIE	RED	(555) 555-7681	(555) 555-1135	91348	, AL		
	JACKSON, DARYL		(555) 555-3604	(555) 555-4213	14861	•		
	KENT, JAMES A.	ORANGE	(555) 555-3177	(555) 555-0079	13077	, AL		

MESSAGE:	"We have a(an)		fication at		Nuclear	Plant.	Please	report	to y	our (	emergency
	station immediatel	y to fill your a	assigned position	n".				_	_		
	LLOWING QUESTIONS:										
1) Have yo	u consumed alcohol w	ithin the past i	five hours? YES	or NO (If YES	, instruc	ct not	to repor	t and	call n	next	name.)
2) Are you	fit for duty? YES of	r <u>NO</u> (If NO, ins	struct not to re	port and call	next nar	ne.)					
							Signa	ture	100		

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC STATUSBOARD WRITER #1 (Contact 1 )

	Note: Disclosu info	re of home telephone nu ormation is prohibited by	imbers to unauthorized the Privacy Act and is	personnel or misuse punishable by law.	of private		
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #		Address
	MCCORMACK, JOHN C.	RED	(555) 555-7582	(555) 555-1286	10262	, AL	
	SCHIAVONE, VICTOR D.	BLUE	(555) 555-2607	(555) 555-8681	10555	, AL	
	VANDIVER, LESLIE B.	ORANGE	(555) 555-7555	(555) 555-5014	11872	, AL	
-	WILLIAMS, JONATHAN C.	BLUE	(555) 555-3250	(555) 555-5399	10182	, AL	
	HARVEY, KELLI S.	GREEN	(555) 555-7576	(555) 555-3591	20028	, AL	
	LACASSE, JOHN T	RED	(555) 555-7235	(555) 555-1213	95584	, AL	
	MOORE, JOHN T.	GREEN	(555) 555-3052	(555) 555-7369	12681	, AL	

Message:	"We have a(an)	classi	ification a	at	Nı	uclear	Plant.	Please	report	to v	vour	emergency
	station immediate	ly to fill your	assigned p	oosition".					•			J 2
ASK THE FO	LLOWING QUESTIONS:											
1) Have you	u consumed alcohol	within the past	five hours	? YES or NO (I	f YES, i	instruc	t not	to repor	ct and	call	next	name.)
2) Are you	fit for duty? YES	or <u>NO</u> (II NO, II	istruct not	to report and	call ne	ext nam	ne.)					
								Signa	ture			

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC STATUSBOARD WRITER #2 (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	CURRY, DAVID A. GENTRY, KERRY L. MARSTON, MICHAEL R. WEBB, RANDALL	GREEN ORANGE BLUE RED	(555) 555-3147 (555) 555-7593 (555) 555-3163 (555) 555-3127	(555) 555-5021 (555) 555-1594 (555) 555-2064 (555) 555-9322	90437 11903 70585 10940	, AL , AL , TN , AL		

MESSAGE:	station immediately to file	classification atl your assigned position".	Nuclear Plant.	. Please repo	rt to	your	emergency
1) Have yo	OLLOWING QUESTIONS:  Du consumed alcohol within the fit for duty? YES or NO (If	we past five hours? $\underline{\text{YES}}$ or $\underline{\text{NO}}$ (If YES NO, instruct not to report and call	, instruct not next name.)	to report an	d call	next	name.)
				Signature			

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### MATERIALS COORDINATOR (Contact 1 )

Time					Pager	<b>1</b> 6.65 金属 15.55 金属
Contacted	Name	Team	Work Phone	Home Phone	#	Address
	BENTLEY, GREG	· · · · · · · · · · · · · · · · · · ·	(555) 555-3340	(555) 555-0307	70806	, AL
	BOWMAN JEFFREY L.		(555) 555-4551	(555) 555-5744	14771	, AL
	FORD, VERNARD		(555) 555-7034	(555) 555-0042	90954	, AL
	GOOCH, TIMOTHY L.		(555) 555-3868	(555) 555-0572	90252	, AL
	HOGAN, DONAHUE		(555) 555-4868	(555) 555-4426	12768	, AL
	HUDSON, B. AUTRY		(555) 555-2889	(555) 555-2886	20201	, AL
	IRONS, ARNELL		(555) 555-6939	(555) 555-9058	14415	, AL
	PUTMAN, KEITH		(555) 555-4673	(555) 555-9173	93530	, AL
	ROBINSON, KIM		(555) 555-7085	(555) 555-6549	15717	, AL
	SHEIL, TIMOTHY M.		(555) 555-4809	(555) 555-7944	12660	, AL
	WILLIAMS, CAROLYN R.		(555) 555-7401	(555) 555-8347	70447	, AL

MESSAGE:	"We have a(an)	classification at	Nuclear Plant.	Please report	to vour	emergency
	station immediately to fill	l your assigned position".		•	<b>,</b>	JJ

#### ASK THE FOLLOWING QUESTIONS:

- 1) Have you consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report and call next name.)
- 2) Are you fit for duty? YES or NO (If NO, instruct not to report and call next name.)

	Signature		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### OSC STAGING AREA MANAGER (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
BLEN	KINSOPP, JOHN	-	(555) 555-7204	(555) 555-8280	95562	, AL			
BRYA	N, JAMEY E.	RED	(555) 555-7634	(555) 555-4405	94997	, AL			
CLAU	NCH, DONNIE R.		(555) 555-2677	(555) 555-5655	40939	, AL			
HAT	ON, BYRON L.	GREEN	(555) 555-2769	(555) 555-6587	15148	, AL			
HILI	, BILLY	ORANGE	(555) 555-6171	(555) 555-7333	16059	, AL			
PEDE	EN, DAVID L.	BLUE	(555) 555-4949	(555) 555-6041	70855	, AL			

MESSAGE	: "We have a(an)	classification at	Nuclear Plant. Please report to your emergency
	station immediate	ely to fill your assigned position".	
ASK THE	FOLLOWING QUESTIONS:		
1) Have	you consumed alcohol	within the past five hours? YES or NO	(If YES, instruct not to report and call next name.)
		or NO (If NO, instruct not to report a	
			Signature

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC DOCUMENT CONTROL (Contact 1 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
	BURT, SUSAN A.		(555) 555-4654	(555) 555-0083	40132	, AL			
	MCBAY, MARTHA A.		(555) 555-3809	(555) 555-6733	70841	, AL			
	CAMPBELL, CHRISTI L.		(555) 555-2733	(555) 555-1818	11968	, AL			
	CLARK, COURTNEY		(555) 555-2014	(555) 555-9669	14493	, AL			

"We have a(an)	class	ification at		Nuclear	Plant.	Please	report	to yo	ur emergency
station immediate	ely to fill your	assigned position	on".				-	•	32
<del></del>									
a consumed alcohol	within the past	five hours? YES	or NO (If YES,	instruc	t not	to repor	t and o	call n	ext name.)
fit for duty? YES	or NO (If NO, i	nstruct not to re	eport and call	next nam	ne.)	_			·
			-		100	Signa	ture		
ι	LLOWING QUESTIONS: u consumed alcohol	station immediately to fill your LLOWING QUESTIONS: u consumed alcohol within the past	station immediately to fill your assigned position.  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES	station immediately to fill your assigned position".  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES or NO (If YES,	station immediately to fill your assigned position".  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES or NO (If YES, instruc	station immediately to fill your assigned position".	station immediately to fill your assigned position".  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report fit for duty? YES or NO (If NO, instruct not to report and call next name.)	station immediately to fill your assigned position".  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report and or	station immediately to fill your assigned position".  LLOWING QUESTIONS:  u consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report and call not fit for duty? YES or NO (If NO, instruct not to report and call next name.)

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### TSC CLERK (Contact 3 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.									
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address			
	ATKINS, CHRISTY H.	GREEN	(555) 555-7723	(555) 555-9659	60651	, AL			
	BRIGGS, CASEY L.	RED	(555) 555-3095	(555) 555-8825		, AL			
	CARTER, MARY	BLUE	(555) 555-4860	(555) 555-6220		, AL			
	CURTIS, VIRGINIA A.	BLUE	(555) 555-3643	(555) 555-3271	95010	, AL			
	MABRY, DARLENE T.	GREEN	(555) 555-2029	(555) 555-5753	15037	, AL			
	WILSON, DENA D.	RED	(555) 555-3220	(555) 555-5610	14199	, AL			
	WORD, KASEY	ORANGE	(555) 555-2190	(555) 555-0733		, AL			

MESSAGE:	"We have a(an)	classifi	cation at	Nuc.	ear P	lant.	Please	report	to yo	our (	emergency
	station immediate	ely to fill your as	signed position".	_				-	-		J
ASK THE	FOLLOWING QUESTIONS:										
1) Have	you consumed alcohol	within the past fi	ve hours? YES or NO	(If YES, ins	truct	not t	o repor	t and	call r	next	name.)
	ou fit for duty? YES						~				•
			_								
							Signa	ture			

### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## OSC CLERK (Contact 3 )

Note: Disclosure of home telephone numbers to unauthorized personnel or misuse of private information is prohibited by the Privacy Act and is punishable by law.								
Time Contacted	Name	Team	Work Phone	Home Phone	Pager #	Address		
	GRIFFIS, AMY D.	GREEN	(555) 555-3712	(555) 555-0842	15211	, AL		
	HERBSTER, KERRI S.	RED	(555) 555-6369	(555) 555-7213		, AL		
	SNEED, CELENA	BLUE	(555) 555-2190	(555) 555-2669		, AL		
<del></del>	THOMAS, WANDA	ORANGE	(555) 555-2841	(555) 555-7848		, AL		

MESSAGE:	"We have a(an)	classification at	Nuclear	Plant.	Please	report	to yo	ur emergency
	station immediate	y to fill your assigned position".					-	J 2
ASK THE F	OLLOWING QUESTIONS:							
		within the past five hours? YES or NO			to repor	t and	call ne	ext name.)
2) Are yo	ou fit for duty? YES	or NO (If NO, instruct not to report	and call next na	me.)	_			
					Signa	ure		

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

### OSC PLANNERS (Contact 2 )

Time Contacted	Name	Team	Work Phone	Home	e Phone	Pager #		Address
	BERRY, DARRIN		(555) 555-2090	(555)	555-0459	14675	, AL	
li li	BOYD, VICTOR A.		(555) 555-7814	(555)	555-6038	14358	, AL	
	BROWN, K. B.		(555) 555-2421	(555)	555-5188	60279	, AL	
	CARRIN, WILLIAM V.		(555) 555-7404	(555)	555-1113	15598	, AL	
	CHORNEY, ANTHONY H.		(555) 555-3219	(555)	555-3675	60648	, AL	
	CRAFT, CHRIS		(555) 555-3259	(555)	555-9571		, AL	
	EDMONSON, PAMELA		(555) 555-7987	(555)	555-0176		, AL	
	FOWLER, BRIAN		(555) 555-7247	(555)	555-3102	15599	, AL	
	HUGHES, NORRIS Q.		(555) 555-7685	(555)	555-0469	90497	, AL	
L	JOHNSON, DEBRA C.		(555) 555-2499	(555)	555-1937	95645	, AL	
	JOHNSON, MICHAEL		(555) 555-5552	(555)	555-6754	15601	, AL	
	JONES, GREGORY R.		(555) 555-7471	(555)	555-2273	15600	, AL	
	PRICE, TIMOTHY R		(555) 555-2415	(555)	555-5199	10799	, TN	
	RICHARDSON, ASHLEY A.		(555) 555-3067	(555)	555-2391	40525	, AL	
	RILEY, DEXTER E.		(555) 555-3263	(555)	555-8538	15273	, AL	
	SHERRILL, BRYAN L.		(555) 555-7765	(555)	555-4992	30229	, AL	
L	SOLLEY, JIMMY		(555) 555-6034	(555)	555-6806	14678	, AL	
	SPENCER, EDWARD		(555) 555-7448	(555)	555-9633	70584	, AL	
	STRINGER, LEONARD		(555) 555-7922	(555)	555-7406	15741	, AL	
	VAN BUREN, BRIAN E		(555) 555-6176	(555)	555-5919	14679	, AL	
	VANDIVER, JERRY W.		(555) 555-7636	(555)	555-6743	60152	, AL	
	WEEKS, DEBORAH K.		(555) 555-6426	(555)	555-8468	95772	, AL	
	WILSON, STEPHANIE		(555) 555-7933	(555)	555-6479	14430	, AL	

MESSAGE:

"We have a(an) \_\_\_\_ classification at \_\_\_\_ Nuclear Plant. Please report to your emergency station immediately to fill your assigned position".

### ASK THE FOLLOWING QUESTIONS:

1) Have you consumed alcohol within the past five hours? <u>YES</u> or <u>NO</u> (If YES, instruct not to report and call next name.)
2) Are you fit for duty? <u>YES</u> or <u>NO</u> (If NO, instruct not to report and call next name.)

Signature

#### Instructions:

Do not notify persons noted with an (\*) for more than one position. Contact as many people in each group as noted. When an individual is contacted, enter the time contacted next to his/her name in the space provided. If an individual cannot be contacted by telephone or pager, place an X by his/her name and try another person.

## SHIFT MANAGER / SED (Contact 1 )

Time					Pager	
Contacted	Name	Team	Work Phone	Home Phone	#	Address
	CAMPBELL, DENNY W.		(555) 555-3478	(555) 555-9537	30109	, AL
	HAKENEWERTH, DOUGLAS G.		(555) 555-2213	(555) 555-4992	11810	, AL
	HAMMETT, MICKEY S.	BLUE	(555) 555-7616	(555) 555-4245	91445	, AL
	HUNTER, MICHAEL D.		(555) 555-2213	(555) 555-1683	30981	, AL
	KIMBERLIN, JEFFREY A.	GREEN	(555) 555-6213	(555) 555-0969	10181	, AL
	MCNUTT, BRIAN K.		(555) 555-2213	(555) 555-1951	12379	, AL
	MORRISON, JEFFERY D.	ORANGE	(555) 555-7921	(555) 555-0360	95939	, AL
	NASH, MICAH T.		(555) 555-2213	(555) 555-4497	95935	, AL
	RASMUSSEN, MATTHEW	BLUE	(555) 555-2555	(555) 555-0174	19116	, AL
	STOWE, RONALD H.		(555) 555-2213	(555) 555-9623	70567	, AL
	VAUGHN, CHRIS L.	RED	(555) 555-2213	(555) 555-7232	10889	, AL
	WHITE, KELLY J.		(555) 555-2213	(555) 555-9321	60280	, AL

MESSAGE:	"We have a(an)	classification at	Nuclear Plant	. Please 1	report t	o vour	emergency
	station immediately to fil	l your assigned position".			-	4	J1

#### ASK THE FOLLOWING QUESTIONS:

- 1) Have you consumed alcohol within the past five hours? YES or NO (If YES, instruct not to report and call next name.)
- 2) Are you fit for duty? YES or NO (If NO, instruct not to report and call next name.)

	Signature	

OPERATOR:					
SRO	DATE:				
JPM NUMBER: Admin SRO A4					
TASK NUMBER:	S-000-EM-21 (SRO ONLY)				
TITLE:	Classify the event per REP (Fuel Damage with RCIC Steam Leak)				
K/A NUMBER:	2.4.41 K/A RATING: SRO 4.6				
TASK STANDARD:	The event is classified as an AlertSite Area Emergency, EAL Designator 2.3-S1A OR 1.3-A and the Initial Notification appendix is completed with the correct information. Event is classified within 15 minutes and Initial Notification is completed within 15 minutes of classification with correct Protective Action Recommendation.				
LOCATION OF PERI	FORMANCE: Simulator or Classroom				
REFERENCES/PROC	CEDURES NEEDED: EPIP 1, EPIP 34				
VALIDATION TIME	: 30 minutes				
MAX. TIME ALLOW	ED: 15 minutes to classify and 15 minutes to notify				
PERFORMANCE TIM	ME:				
COMMENTS: Licensee determined that the Highest REQUIRED emergency declaration was ALERT based on intact RCS and RCIC 71-2 isolation. Licensee provided revised JPM.					
Additional comment sheets attached? YES NO					
RESULTS: SATISFACTORY UNSATISFACTORY					
SIGNATURE: DATE:					

**INITIAL CONDITIONS**: You are the SHIFT MANAGER. Unit 2 was operating at 80% power performing a Control Rod Pattern Adjustment. During the Control Rod Pattern Adjustment, Control Rod 38-23 dropped several notches. Unit shutdown was in progress when a RCIC steam leak developed.

A Reactor SCRAM was inserted and the following conditions exist:

The TSC, OSC and CECC are not staffed at this time.

Reactor Level 10 inches and slowly rising

Reactor Pressure 950 psig and stable DW Pressure 1.35 psig and stable

DW Temperature 135°F and stable DW Oxygen 2.9% and slowly rising

DW Hydrogen 2.4% and slowly rising Chemistry Sample 310 μCi/gm

(Dose Equivalent I-131)

DW Radiation 2-RM-90-272A is reading 2900 R/Hr

2-RM-90-273A is reading 1300 R/Hr

PCIS Isolation Group 5 Is NOT complete, RCIC Valves 71-2 and 71-3 failed

to auto close, RCIC Valve 71-2 was closed with

Control Room operator action.

RCIC Area TE-71-41A indicates 195°F

RCIC Room 90-26A 600 mrem/hr
Wind Speed 10 mph
Wind Direction 200°

Projected TEDE at site boundary < 1 REM
Projected Thyroid CDE at site boundary < 5 REM

**INITIATING CUE:** Identify the HIGHEST <u>REQUIRED</u> emergency classification, and complete the associated initial notification form. Raise your hand <u>immediately</u> once you have classified the event, and the examiner will then provide you with the EPIP you've chosen so you can begin completing the initial notification form.

JPM is Time Critical

\*

#### Classroom

\*

**INITIAL CONDITIONS**: You are the SHIFT MANAGER. Unit 2 was operating at 80% power performing a Control Rod Pattern Adjustment. During the Control Rod Pattern Adjustment, Control Rod 38-23 dropped several notches. Unit shutdown was in progress when a RCIC steam leak developed.

A Reactor SCRAM was inserted and the following conditions exist:

The TSC, OSC and CECC are not staffed at this time.

Reactor Level 10 inches and slowly rising

Reactor Pressure 950 psig and stable
DW Pressure 1.35 psig and stable
DW Temperature 135°F and stable

DW Oxygen 2.9% and slowly rising DW Hydrogen 2.4% and slowly rising

Chemistry Sample 310 μCi/gm

(Dose Equivalent I-131)

DW Radiation 2-RM-90-272A is reading 2900 R/Hr

2-RM-90-273A is reading 1300 R/Hr

PCIS Isolation Group 5 Is NOT complete, RCIC Valves 71-2 and 71-3 failed

to auto close, RCIC Valve 71-2 was closed with

Control Room operator action.

RCIC Area TE-71-41A indicates 195°F

RCIC Room 90-26A

Wind Speed

Wind Direction

Projected TEDE at site boundary

10 mph

200°

1 REM

Projected TEDE at site boundary < 1 REM
Projected Thyroid CDE at site boundary < 5 REM

**INITIATING CUE:** Identify the HIGHEST <u>REQUIRED</u> emergency classification, and complete the associated initial notification form. Raise your hand <u>immediately</u> once you have classified the event, and the examiner will then provide you with the EPIP you've chosen so you can begin completing the initial notification form.

JPM is Time Critical

Admin SRO A4 PAGE 4 OF 5

START TIME *******************************	**********
Performance Step 1:	Critical X Not Critical
Refers to EPIP 1 to classify emergency event.	
Standard:	
SHIFT MANAGER refers to EPIP 1 and declare A S1, based on Drywell Radiation reading great 1.3-A, based on Iodine-131 coolant activity >	nter than 2263-642 on 2-RE-90-272A, OR
SATUNSAT N/ACOMMENTS:	
TIME Classified	

START TIME
*********************
Performance Step 2: Critical X Not Critical
Implements EPIP 43-Site Area Emergency Alert and completes Appendix A of EPIP 43.
Standard:
Shift Manager completes Appendix A of EPIP 34 within 15 minutes of event classification
SATUNSAT N/ACOMMENTS:
TIME Appendix A Complete
**************************************
Performance Step 3: Critical X Not Critical  Completes Appendix A of EPIP 43
Standard:
Following are Critical portions of Appendix A: Unit 2 is checked, EAL Designator 2.3-S1A OR 1.3-A, minor releases within federally approved limits is checked for Airborne/Liquid, Time and Date Event declared and PAR recommendation NONE is checked.
SATUNSAT N/ACOMMENTS:

END OF TASK