ES-301	Administrative Topics Outline Form ES-301-1				
Facility: Oyster Creek NRC Date of Examination: Week of April 19, 2004 Examination Level (circle one): RO / SRO Operating Test Number:					
Administrative Topic (see Note)	Describe activity to be performed				
Conduct of Operations [RO & SRO]	RO/SRO - Calculate DW bulk temperature (JPM, new, SP-26, 200.0K developed)				
Conduct of Operations	RO - Calculate Unidentified Leakage (JPM, new, 200.0F, need copy of TS Log Sheet.)				
	SRO – Approve Unidentified Leakrate Calculation (JPM, new, 200_0L developed, need Attachment 351.1-4 completed.)				
Equipment Control [RO & SRO]	RO/SRO - Surveillance Test prerequisites for Core Spray – (Alternate Path) (backup booster pump, JPM, new, 200.0G)new=200.0J				
Radiation Control	RO – Determine stay time based on current exposure, administrative limit and survey map of work area (JPM, new=2100.0M)				
	SRO – Approve Radioactive Discharge Permit – (Alternate Path) (change faulted information, JPM, 200.0B, new)				
Emergency Plan [for SRO only]	SRO only - Make an Emergency Plan Classification and complete notification form (JPM) Perform after SRO completes scenario, written for each scenario's classification [backup - Fire/Natural Hazard based (new=345.04N developed)]				
NOTE: All items (5 items) they are retaking only the	are required for SROs. RO applicants require only 4 items unless administrative topics, when 5 are required.				



JOB PERFORMANCE MEASURE 200.0K

Title: Calculate Bulk D	orywell '	Tempe	erature						
Task: Calculate Bulk Drywe	ll Tempe	rature			<u></u>		2	223010)1504
ка# 295078		F	ATING:	1	- OF	3.9	5	SRO -	4,0
Validation Time: min	Faulted:	NO		Time	Critic	cal: NO		١	10
Operator Evaluator	Nan	ne			Socia	al Secu	rity	Numb	er
DIRECTIONS TO TRA Before you start, I will state questions. To complete this element correctly and demo <i>NOTE: Directions are only r</i>	The task the task suc s task suc onstrate p required o	conditio ccessful proper p ponce in a	ns and in lly, you m rocedural a given Ji	iitiating c ust perfo adherei PM sess	ues a orm c nce.	and fully or simula	y ans ate e	swer al each cr	ny itical
Perform		Perf x	ormanc	e Simul	ate		A second		
Replica		X		in-Pia	ant				
GRADE: Sat / Unsat			MO	DE: Ev Train	aluat ing	ion /			
Comments									
Date:	 Andrew M. (1996) Andrew M. (1996)				And the second s				

JPM 200.0K

Rev. 0

REFERENCE SECTION:

TASK CONDITIONS:

- The PCS is out of service
- All Control Room indications of Drywell Temperature are unavailable.

GENERAL TOOLS AND EQUIPMENT:

Data sheet of Recorder points from IA55 & TR-100A

GENERAL REFERENCES:

Support Procedure 26, Determining Bulk Drywell Temperature, Rev. 16.

TASK STANDARD:

Attachment SP-26-1 & section 3.3 complete with calculated temperature of 148.8 degrees.

CRITICAL ELEMENTS: (*) 5,6,7 **JPM 200.0K**

Rev. 0

PERFORMANCE SECTION:

TASK CONDITIONS:

- The PCS is out of service
- All Control Room indications of Drywell Temperature are unavailable.

INITIATING CUES:

You are directed to calculate Bulk Drywell Temperature in accordance with Support Procedure 26.

START TIME_____

PERFORMANCE CHECKLIST		<u>STANDARD</u>	INITIAL SAT/UNSAT
1.	Obtain controlled copy of SP-26	Obtains controlled copy of SP-26.	
2.	Verifies that all prerequisites have been met.	Reviews prerequisites and determines that they have been met.	
3.	Determines that computer point DWTEMP is not available.	Determines that computer point DWTEMP is not available.	
4.	Calls RB NLO to obtain recorder data from IA55 and TR-100 on 51' RB.	Calls RB NLO to obtain recorder data from IA55 and TR-100 on 51' RB.	
CL	IE: Give Operator the data	sheet.	
*5.	Completes Attachment SP- 26-1	Completes Attachment SP-26-1	
*6. fro Ste	Transfers calculated data m Attachment SP-26-1 to ep 3.3.2.	Transfers calculated data from Attachment SP-26-1 to Step 3.3.2.	
*7. Te de	Calculates Bulk Drywell mperature to be 148.8 grees per step 3.3.2.	Calculates Bulk Drywell Temperature to be 148.8 degrees per step 3.3.2.	

COMPLETION TIME_____

JPM 200.0K

Rev. 0

SIMULATOR SETUP

NONE required.

Malfunctions:

Overrides:

Remotes:

Computer Aided Exercises:

DATA SHEET

Recorder Point	COMP ID	_
РТ	Value (oF)	
PT. 35 (IA55)	TE100A	138
PT. 36 (IA55)	TE100B	144
PT. 37 (IA55)	TE100C	142
PT. 38 (IA55)	TE100D	151
PT. 39 (IA55)	TE100E	151
PT. 1 (TR-100A)	TE103A	152
PT. 2 (TR-100A)	TE103B	144
PT. 3 (TR-100A)	TE103C	149
P1. 4 (TR-100A)	TE103D	153
PT. 5 (TR-100A)	TE103E	152
PT. 6 (TR-100A)	TE104A	152
PT. 7 (TR-100A)	TE104B	155
PT. 8 (TR-100A)	TE104C	160
PT. 9 (TR-100A)	TE104D	168
PT. 10 (TR-100A)	TE104E	163
	75/05/	
PT. 11 (TR-100A)	1E105A	161
PT. 12 (TR-100A)	TE105B	164
PT. 13 (TR-100A)	TE105C	164

 $|45.2()+150() + 150() + 15^{a_1.b}() + 15^{a_1.b}() + 15^{a_2.b}() + 15^{a_2.b}$

TASK CONDITIONS:

- The PCS is out of service
- All Control Room indications of Drywell Temperature are unavailable.

INITIATING CUES:

You are directed to calculate Bulk Drywell Temperature in accordance with Support Procedure 26.

ES-301 Control Room Systems and Facility Walk-Through Test Outline For

F

Form	ES-301-2	
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Facility: Oyster Creek NRC Date of Examination: Wee Exam Level (circle one): RO / SRO(I) / SRO(U) Oper	k of April 19, 200 ating Test No.:	042004NRC
Control Room Systems (8 for RO, 7 for SRO-I, 2 or 3 for SRO-U)		
System / JPM Title	Type Code*	Safety Function
a. RO/SRO - Standby Liquid Control (SLC) / Initiate SLC (Alternate Path , change faulted component) [PRA related]	211.01 M, S, A	1
b. RO/SRO - Feed and Condensate/CS - Terminate and Prevent injection	200.00Q N, S	2
c. RO/SRO - ADS / Close a stuck open EMRV (Alternate Path – fail first step)	218.01 D, S, A	3
d. RO/SRO - Recirculation system / Respond to a tripped recirc pump with 5 operating (Alternate Path – Discharge Valve will not close) Last NRC	202.10 D, S, A	4
e. RO/SRO - Primary Containment / Bypass Isolation Interlock for Torus Vent valves and prepare to vent the Torus	223.01 D, S	5
f. RO/SRO - AC Electrical / Transfer Bus 1A from Auxiliary Transformer to Start-up Transformer	262.07 D, S, L	6
g. RO/SRO - Control Room Ventilation / Purge Control Room using Control Room HVAC System	288.02 D, S	9
h. RO only - Recirculation system / Conduct Recirc Pump Trip Logic functional test	202.11 D, S	7
In-Plant Systems (3 for RO, 3 for SRO-I, 3 or 2 for SRO-U)		
a. Fire Water system / Line-up Fire Water to the Core Spray System [PRA related] need alternate water makeup to IC or CS	286.04 M,R, L	2 Emergency
b. CRD/Initiate the Remote Shutdown Panel on Control Room Evacuation	308.01 D, R, L	4 Emergency
c. TBCCW/Line-up TBCCW during SBO	274.01 D, R, L	8 Abnormal
* Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)Iterr (S)imulator, (L)ow-Power, (R)CA	nate path, (C)ontr	ol room,



JOB PERFORMANCE MEASURE 200.0F

An Exelon/British Energy Company

Title: Calculate Tech	Spec Log Sheet Uni	dentified Leak R	ate			
Task: Operate Sumps and Drains System2910101402Calculate DW Unidentified Leakrate2910104304						
KA# 223001 A1.10	RATING :	SRO- 3.6				
Validation Time: 15 min	Faulted: NO	Time Cr	itical: NO			
	Name	Social Secu	urity Number			
Operator	na paga na ana ang mananana na ang mananana na ang manana na gi					
Evaluator						
DIRECTIONS TO TR	AINEE:					
questions. To complete the element correctly and dem provided during the perform <i>NOTE: Directions are only</i>	is task successfully, you nonstrate proper procedu mance of required tasks.	<i>Thinking cues and it</i> must perform or sim ral adherence. Peer of <i>JPM session.</i>	ulate each critical checking will not be			
	Performan	Ce				
Perform	X	Simulate				
Replica	X	In-Plant				
GRADE: Sat / Unsat	M	ODE: Evaluation / Training				
Comments						
		a tha an	<u></u>			
Deta						

JPM 200.0F

REFERENCE SECTION:

TASK CONDITIONS:

Plant is at 100% power Both DWEDT pumps are operable At 0000 the 1-8 sump integrator reading was 105200 At 0400 the 1-8 sump integrator reading was 105344 Torus water level yesterday was 147.8" Torus water level today is 147.8" The STA reports that Torus unexpected leakage is 0.02

GENERAL TOOLS AND EQUIPMENT:

Procedure 681.4.004, Tech Spec Log Sheet, Rev. 0

GENERAL REFERENCES:

Procedure 312.9, Primary Containment Control, Rev. 29

TASK STANDARD:

Determine Unidentified Leakage

CRITICAL ELEMENTS: (*)

2, 3, 4, 5, 8

INITIATING CUES: You have been directed to determine Unidentified Leakage on the Tech Spec Log Sheet (Attachment 106-4) IAW Procedure 312.9, Primary Containment Control.

JPM 200.0F

PERFORMANCE SECTION:

TASK CONDITIONS: Plant is at 100% power Both DWEDT pumps are operable At 0000 the 1-8 sump integrator reading was 105200 At 0400 the 1-8 sump integrator reading was 105344 Torus water level yesterday was 147.8" Torus water level today is 147.8" The STA reports that Torus unexpected leakage is 0.02

INITIATING CUES:

You have been directed to determine Unidentified Leakage on the Tech Spec Log Sheet IAW Procedure 312.9, Primary Containment Control.

START TIME _____

PERFORMANCE CHECKLIST		STANDARD	<u>INITIAL</u> SAT/UNSAT
1.	Obtains controlled copy of procedure.	Procedure 312.9 obtained	
2*	Records integrator readings on log sheet	Records integrator readings for 0000 and 0400 on TS log sheet	
3.¥	Calculates the difference between the two readings	Subtracts 105200 from 105344 to get 144 gallons	
4.₩	Divides to get leakage rate	Divides 144 by 240 minutes to get 0.6 gpm leakage for 1-8 sump	
5 [¥]	Enters leakage on log sheet	Enters 0.6 in 1-8 column	
6.	Enters Identified Leakage Adjust	IAW '+' note enters 0 for leakage adjustment	
7.	Enters Torus unexpected leakage	IAW STA report, enters 0.02 in Torus unexpected leakage column	
8. *	Calculates Total Unidentified leakage	Adds 0.6 to 0 to 0.02 and gets 0.62 and enters this number in the Total column	

COMPLETION TIME _____

Rev. 0

TASK CONDITIONS:

Plant is at 100% power Both DWEDT pumps are operable At 0000 the 1-8 sump integrator reading was 105200 At 0400 the 1-8 sump integrator reading was 105344 Torus water level yesterday was 147.8" Torus water level today is 147.8" The STA reports that Torus unexpected leakage is 0.02

INITIATING CUES:

You have been directed to determine Unidentified Leakage on the Tech Spec Log Sheet IAW Procedure 312.9, Primary Containment Control.



OYSTER CREEK GENERATING STATION PROCEDURE

Number 681.4.004

Title

Technical Specification Log Sheet

Revision No. Ω

Period

24 Hr

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1A-1F					For	Limit				<u>≤</u> 95°F	(1)		
7P-7A					s	See				****			
					Attac 31	chmer 2 9.7	nt				2		
			- I -			An + 1 - 1					<u></u>		
	۸m	Isoli a Tompo	ation Co	ndenser	Louis 1/4E-2E		1 imite		01-10	Nit	rogen Make-u	up **	
SHIFT	IB06A I IB	106B IE	10K) 306C	B06D		6B	>7.3'		Prev	Integra	tor Unit	ts or	Limit
7A-7P							5		7P-7A		5	···	Units
									5012	<u> </u>			
									7A-7P				
7P-7A									e e				
									7P-7A				
				[<u></u>		D-0 47				
									Dany:(/	P-/A)-(pr	ev. /P-/A) =		
	R.B. E	l. 119'	RE	3 Vent Ra	d (Meters)	SD H	X RM	Fuel Poo	<u> </u>	Previous	current	Diffe	rential
SHIFT	B-9 C-9		CH	1 CH2		Tem	Low	Slab∆7	·	Day's	Day's	Leve	in the
		1 States						Limit < 6	<u>0°</u>	Lowest	Highest	Te	vrus
7A-7P		Var 10	2		mR/Hr					Level	Level		
		Max 10			Max 100					9XR	9XR	Limi	t≤.2"
7P-7A		mR/Hr	•		MR/Hr							T	
	I	•			<u></u>							1	
-	Fuel Poo		EL Fuel Oi	l Tank			Com	nents:		· <u> </u>			
SHIFT	Temp		Lvl.										
	Li	mit		Limit									
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TIME	Inteo	A Min	Gene	Limit	Interi			Leakage (-o Sump	o I Orus)	<u> </u>	Iotal	W Leak
		- uon	- m	La TIRC	avel	Min	1-3	Leakage	line	IOTAN	Limits	lime	GPM
							1.62 M	Adjust.+	Lkon	1 A			
0 Hr		XXXXX	XXXX	<u>≤</u> 20.0		XX	GPM	GPM	GPM	GPM	5.0 GPM	0 Hr	XXXX
4 Hr				gpm or					[Or	4 Hr	<u> </u>
8 Hr				3.0 gpm							>2.0 GPM	8 Hr	
2 Hr				with both	L		ļ				Increase	12 Hr	
16 Hr				DWEDT	L	<u> </u>					In any	16 Hr	
				humps	L	<u> </u>	<u> </u>			ļ	24 Hr.	20 Hr	
24 Hr			1	mop.	I	1	1	1	1	1	Period	24 Hr	

Refer to actions of Tech Spec 3.3.D Limit <25 gpm 1000 Previous Day's lowest 4 hour unidentified leakage from the 1-8 sump gpm

Calculated in accordance with Procedure 312.9

- ** Calculated in accordance with Procedure 312.11
- *** Conducted in accordance with 681.4.005. NA when generator is off line.

**** Maximum 3°F difference between various Torus temperature indications.

If both DWEDT pumps are inoperable, use 3.0 gpm for identified leakage and subtract from the 1-8 value (Procedure 312.9). If DWEDT pump(s) are operable, enter zero (0). +

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OYSTER CREEK GENERATING STATION PROCEDURE

Number 681.4.004

Title

Revision No. 0

Technical Specification Log Sheet

TECHNICAL SPECIFICATION LOG SHEET ATTACHMENT 1 (continued)

Date		
18R & 19R - CON SOURCE RK01 5 SHIFT LI-1634 LI-1635 LI-1638 LI-1638 7A-7P RE05/19A RE02A RE05A R MAX VARIATION 5"	TROL ROOM - REACTOR WATI 1639 LI-1636 LI-16 E02B RE05B RE0 MAX	ER LEVEL DURCE RK02 37 LI-1640 LI-1641 2C RE05/19B RE02D
SHIFT RE03A RE03C RE03B RE03 7A-7P RK-01 RK-02	Pressure 18R & 19R D RE15A RE15C	RE15B RE15D Max Var. 20 psi between RE03s or RE15s RK-03
SHIFT RX Vessel Water Level RE18A RE18C 7A-7P 266" RK-04 74-79	High Dn 5A IP15B IP15C IP15D RV4 Reactor Building Elev. 23	-6". Var. 10 PSiD
SHIFT Core Spray △P High Flow Main RV-30A RV-30B Limit RE22A 7A-7P <1.0	Steam Line RE22E RE22G RE22H RE2H RE2H <thre3h< th=""> RE3H RE3H</thre3h<>	A, B, E, F, RE22D RE22B RE22D RE22F C, D G, H Max. 85 PSID Service Water Rad Monitor (7A-7P)
Lvi.TempLimit(4F)SHIFTGALSLimit $1L09$ $\geq 90^{\circ}F$ ≥ 1172 7A-7P ≥ 1172 GALS $\Rightarrow 1172$ $\Rightarrow 1172$	Lights Lit Dai C D RN08C CPM (Local)	ly Thursday Ck. Source RN31 RN08C RN31B Alarms B CPM CPM CPM Clear (10F)
SHIFT 7A-7P Valves Open (init)		Flow 28GPM NA NA (I)
1-5 Sump Rad Monitor (7A-7P) AEOG Radiation Level cpm SOURCE CK All Alarms Clear (l) 7A-7P Source Check (Monday) (l) (l)	OFF 643 F2 ST. Daily Channel D Ck D H2R-57A/B CH1 7A-7P (I) 7A-7P (I)	ACK GAS EFF ally Source ck CH2 I) 7A-7P(I)
Drywell Temperatures Cx Bulk Rx Head Flange Area (TR100-A)	Immer Rooms (7A-7P) Doors Closed (l) N(l) SW(l) =(l) (Thursday AM Only)	TECH SPEC AND ODCM REQUIREMENTS MET (CHEMISTRY) (7A-7P)
If Bulk TempHead Flange Area Temps:Exceeds 150°F• if 2 are greater than 315°F evaluatCommenceusing Proc. OPS-3024.09.shutdown• if 2 are greater than 325°F commeshutdown• if 2 are greater than 325°F comme	te drywell cooling SHIFT ence a plant 7P-7A -7A-7P	EO CRO OS



JOB PERFORMANCE MEASURE 200.0J

An Exelon/British Energy Company

Title: Determine Core	Spray Surve	illance Require	ments	
Task: Ensure Compliance	to Station Proce	dures for all plant	conditions	3410302411
KA# G2.2.12	R	ATING : F	SRO- 3.4	
Validation Time	15 minu	tes Time C	ritical	NO
	Name		Social Securi	ty Number
Operator				
Evaluator				
DIRECTIONS TO TRA	AINEE:			
element correctly and dem provided during the perform NOTE: Directions are only	onstrate proper nance of require <i>required once ir</i>	orocedural adhere d tasks. a <i>given JPM ses</i>	nce. Peer cne sion.	cking will not de
	Per	formance		
Pertorm		Simui		
Catiefactory		IIn-Satie		
		<u> </u>	Geter y	
Comments		<u> </u>		
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JPM 200.0J

REFERENCE SECTION:

TASK CONDITIONS:

Plant is at 100% power MAPLHR is 89.23% EDG #1 & EDG #2 have passed their most recent surveillance The breaker for NZ03C is racked out

GENERAL TOOLS AND EQUIPMENT:

none

GENERAL REFERENCES:

Surveillance Procedure 610.4.002, Core Spray Pump Operability Test, Rev. 43 Technical Specification 3.4

TASK STANDARD:

Determine Core Spray Surveillance requirements IAW 610.4.002

CRITICAL ELEMENTS: (*)

2,4

INITIATING CUES:

You have been directed to determine if the Prerequisites have been met for Core Spray system 2 to be tested IAW 610.4.002, Core Spray Pump Operability Test.

Other but

JPM 200.0J

PERFORMANCE SECTION:

START TIME _____

PERFORMANCE CHECKLIST		STANDARD	<u>INITIAL</u> SAT/UNSAT
1.	Obtains controlled copy of procedure.	Procedure 610.4.002 obtained	
2.	Determines Core Spray system is not in reduced availability	IAW TS 3.4.A, Core Spray is <u>NOT</u> in reduced availability because the reactor is not in the REFUEL mode with reactor water <212 degrees F or in the cold shutdown mode	
3.	Determines EDG status	Determines both EDGs are operable because they have passed their surveillance tests and have no inoperable components	
*4.	Determines Core Spray system 1 is inop	Determines Core Spray system 1 must have no inoperable components and system 1 Backup Booster pump (NZO3C) breaker is racked out, making it <u>INOP</u>	
5.	Verifies MAPLHGR	From task conditions, verifies MAPLHGR is less than 90%. MAPLHGR is 89.23%	
*6.	Determines Surveillance 610.4.002 can NOT be performed	IAW 610.4.002, the 3.1 PREREQUISITES can <u>NOT</u> be met and the surveillance should not be performed	

COMPLETION TIME_____

TASK CONDITIONS:

Plant is at 100% power MAPLHR is 89.23% EDG #1 & EDG #2 have passed their most recent surveillance The breaker for NZ03C is racked out

INITIATING CUES:

You have been directed to determine if the Prerequisites have been met for Core Spray system 2 to be tested IAW 610.4.002, Core Spray Pump Operability Test.



An Exelon/British Energy Company

JOB PERFORMANCE MEASURE 200.0M

Title: Calculate Radiatio	n Area Sta	ay Time		
KA# 2.3.4		RATING:	RO – 2.5	SRO – 3.1
Validation Time	10 mir	nutes	Time Critical	NO
Operator Evaluator DIRECTIONS TO TRAIN	Name		Social Sec	urity Number
Before you start, I will state the questions. To complete this ta element correctly and demons <i>NOTE: Directions are only req</i>	e task condit ask success trate proper <i>uired once i</i>	tions and ir fully, you m procedura <i>in a given J</i>	nitiating cues and ful nust perform or simu l adherence. <i>PM session.</i>	lly answer any late each critical
Perform			Simulate	
Replica			In-Plant	
GRADE: Sat / Unsat		MO	DE: Evaluation / Training	
Comments		∎ 1999 <u>, 1991, 201</u> 2,222,223		
Date:				

JPM 200.0M

REFERENCE SECTION:

TASK CONDITIONS:

- The plant is at 100% power.
- You are assigned a task to be performed in the Shutdown Cooling Room
- Your current quarterly accumulated exposure is 30 mr.
- The RWP exposure limit is 100 mr
- The current RWP survey map indicates a dose rate of 50 mr/hr in the area you are to work.

GENERAL TOOLS AND EQUIPMENT:

GENERAL REFERENCES:

NONE

TASK STANDARD:

Calculates a stay time of 1 hour and 24 minutes

CRITICAL ELEMENTS: (*)

2 of 4

Rev. 0

PERFORMANCE SECTION:

TASK CONDITIONS:

- The plant is at 100% power.
- You are assigned a task to be performed in the Shutdown Cooling Room
- Your current quarterly accumulated exposure is 30 mr.
- The RWP exposure limit is 100 mr
- The current RWP survey map indicates a dose rate of 50 mr/hr in the area you are to work.

INITIATING CUES:

Calculate the allowable stay to perform your task without exceeding limits.

START TIME_____

PERFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT
1. Reviews task conditions	Reviews task conditions	
*2. Subtracts accumulated exposure from RWP limit.	Subtracts 30 mr from 100 mr and gets 70 mr remaining to limit.	
*3. Divides dose remaining to limit dose rate by.	Divides 70 mr by 50 mr/hr and gets 1.4 hrs Determines that stay time in 1 hr & 24 minutes.	

COMPLETION TIME_____

TASK CONDITIONS:

- The plant is at 100% power.
- You are assigned a task to be performed in the Shutdown Cooling Room
- Your current quarterly accumulated exposure is 30 mr.
- The RWP exposure limit is 100 mr
- The current RWP survey map indicates a dose rate of 50 mr/hr in the area you are to work.

INITIATING CUES:

Calculate the allowable stay to perform your task without exceeding limits.



JOB PERFORMANCE MEASURE 200.0B

An Exelon/British Energy Company

Title: Approve Rad	loactive	Discharge I	Permits			
Task: Release water fror	m 1-5 Sum	р		3410302012		
KA# 290001 2.1.23	KA# 290001 2.1.23 RATING : RO- 3.		: RO- 3.9	SRO- 4.0		
Validation Time		12 minutes	Time Critical	NO		
	Na	me	Social Sec	urity Number		
Operator						
Evaluator						
DIRECTIONS TO T	RAINEE:					
element correctly and demonstrate proper procedural adherence. Peer checking will not be provided during the performance of required tasks. NOTE: Directions are only required once in a given JPM session.						
Perform		X	Simulate			
Replica		X	In-Plant			
Satisfactory			Un-Satisfactory			
Comments		···· 2	· · · · · · · · · · · · · · · · · · ·			
		Signature	2 S			

REFERENCE SECTION:

TASK CONDITIONS:

Plant at 100% Water is to be released overboard from 1-5 Sump Dilution flow is 460,000 gpm

GENERAL TOOLS AND EQUIPMENT:

Calculator

GENERAL REFERENCES:

Procedure 101.9, Release of Water to the Environment from 1-5 Sump, Rev. 10, Attachment 101.9-2 (1-5 sump release to environs)

TASK STANDARD:

Deny approval of discharge permit – (based on incomplete calculations and/or missing approvals)

CRITICAL ELEMENTS: (*)

4

INITIATING CUES:

You are directed to review the provided discharge permit for approval IAW Procedure 101.9, Release of Water to the Environment from 1-5 Sump

PERFORMANCE SECTION:

TASK CONDITIONS:

Plant at 100%

Water is to be released overboard from 1-5 Sump Dilution flow is 460,000 gpm

INITIATING CUES:

You are directed to review the provided discharge permit for approval IAW <u>Procedure 101.9</u>, Release of Water to the Environment from 1-5 Sump

START TIME

E	PERFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT
1.	Obtains controlled copy of procedure	Obtains controlled copy of procedure 101.9	
2.	Review the analysis results	Recognize analysis results are above the limit of 1.0E-6 uci/ml, which requires additional calculations that were NOT performed	
3.	Review required signatures/approvals are complete	Recognize verification of calculation and Chemistry Manager signatures were NOT obtained	
*4.	Denies approval for release	Release cannot be approved based on incomplete calculations and/or missing approvals	

COMPLETION TIME

.

TASK CONDITIONS:

Plant at 100%

- Water is to be released overboard from 1-5 Sump
- Dilution flow is 460,000 gpm

INITIATING CUES:

You are directed to review the provided discharge permit for approval IAW Procedure 101.9, Release of Water to the Environment from 1-5 Sump



JOB PERFORMANCE MEASURE 345.04N

Title: Classify an Emerger	ncy or Al	onormal	Event	
Task: Classify an Emergency or	Abnormal	Event.		2000502401
KA# 294001 GA1-16		RATING:	RO - N/A	SRO - 4.7
Validation Time 9 minutes	Faulted:	NO	Time Critical	YES
Operator Evaluator			Social Secu	rity Number
Before you start, I will state the ta questions. To complete this task element correctly and demonstra NOTE: Directions are only requir	ask conditi successf ate proper red once ir	ions and in ully, you m procedural <i>n a given J</i>	itiating cues and fully ust perform or simula adherence. <i>PM session</i> .	/ answer any ate each critical
Perform	X		Simulate	
Replica	Х		In-Plant	
GRADE: Sat / Unsat		. MO	DE: Evaluation / Training	
Comments	<u></u>		an a	
	<u></u>			
		···· · · · · · ·		
Date:				

JPM 345.04N

Rev. 0

REFERENCE SECTION:

TASK CONDITIONS:

- The plant is operating at 100% power.
- There is a strong NW wind blowing at 60 MPH
- There is a full moon causing abnormally low tides.
- The Intake Operator reports that the intake level is -2.7ft. indicated on the staff gauge.

GENERAL TOOLS AND EQUIPMENT:

GENERAL REFERENCES: Procedure EPIP-OC-.01, Rev. 14

TASK STANDARD:

Within 15 minutes of start time declares an ALERT based on EAL O.2 and properly completes the Notification Form.

CRITICAL ELEMENTS: (*)

2,3,5,6

JPM 345.04N

(NE)

PERFORMANCE SECTION:

TASK CONDITIONS:

- The plant is operating at 100% power.-1
- There is a strong NW wind blowing at 60 MPH
- There is a full moon causing abnormally low tides.
- The Intake Operator reports that the intake level is -2.7ft. indicated on the staff gauge.

INITIATING CUES:

State the minimum classification for these conditions <u>and</u> complete the Emergency Report Form for Shift Manager approval.

START TIME_____

PERFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT
1. Obtain controlled copy of procedure	Obtains controlled copy of procedure EPIP- OC01	
*2. Determined Emergency Classification and associated EAL.	Declares "ALERT" - EAL HA3.5 Intake level is less than –2.5 ft. Time Critical Portion of JPM complete Time Complete(<15 minutes)	
*3 Completes <u>Emergency</u> <u>Classification</u> block.	Fill in the block with: An "ALERT" was declared at "current time" on "current date". The EAL is O-2	
4. Completes <u>Event</u> <u>Description</u> block	Fill in the block with: Description similar to; "Intake level is <-2.5 ft"	
*5. Completes <u>Radioactive</u> <u>Release Status</u> block.	Fill in the block with: Check the line that states that "There is no abnormal radiological release in progress"	
*6. Completes <u>Meteorological</u> <u>Condition</u> block	Fill in the block with: From the Weather screen record; Wind direction is from " " degrees and wind speed is " " miles per hour (use 380' elevation data)	

JPM 345.04N

 1 1	RFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT
7.	Completes <u>On-Site</u>	Fill in the block with:	
	Protective Action block	Checks the three lines for ALERT condition.	
8.	Present to Shift Manager (SM)	Presents filled-in Notification form to evaluator for SM approval.	

COMPLETION TIME_____

Rev. 0

TASK CONDITIONS:

- The plant is operating at 100% power.
- There is a strong NW wind blowing at 60 MPH
- There is a full moon causing abnormally low tides.
- The Intake Operator reports that the intake level is -2.7ft. indicated on the staff gauge.

INITIATING CUES:

State the minimum classification for these conditions <u>and</u> complete the Emergency Report Form for Shift Manager approval.



OYSTER CREEK EMERGENCY PREPAREDNESS IMPLEMENTING PROCEDURE

Number

EPIP-OC-.01

Title

CLASSIFICATION OF EMERGENCY CONDITIONS

APPENDIX 2

Categories O & P "Natural and Man-made Hazards"

Classification	Alert
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EAL's

Natural Phenomenon

1. Earthquake affecting plant operations.

-or-

- 2. Intake canal water level \leq -2.5 feet, as measured by the staff gauge.
- 3. Intake water level at the intake structure lower deck.
- Sustained hurricane force winds of greater than 95 mph, as indicated on wind speed recorder.
- 5. Any tornado striking the facility.

Man-made Hazards

- 1. Aircraft crash <u>OR</u> other missile impact within the protected area <u>OR</u> onto any permanent plant structure.
- 2. Known explosion damage to any permanent plant structure.
- 3. Release of TOXIC or FLAMMABLE GAS into the plant which affects the safe operation of the plant as determined by the Shift Manager/Emergency Director.
- 4. Turbine failure resulting in casing penetration.

An <u>Operational Basis Earthquake</u> (0.11G) may cause damage to some portions of the site but should not affect the ability of safety functions to operate. Method of detection is validated by a reliable source (e.g. Lamont-Doherty Geological Observatory: (914)359-2900). The OBE is as determined from 10CFR100. The EAL's addressing intake water level both high and low are escalations of a worsening condition cited in the U.E. class. The level's address the Nureg concern for approaching design conditions where the heat sink's effectiveness may be reduced and subsequently lost. EAL #5 is based on the assumption that a tornado striking (touching down) the facility (within the protected area boundary) may have potentially damaged plant structures containing function or systems required for safe shutdown of the plant. If such damage is confirmed, the event may be escalated to a Site Area Emergency.

Basis