

JOB PERFORMANCE MEASURE 200.0A

Title: Operate Sump and Drain Systems						
Task: Calculate Identified	Leak Rate			2910101402		
KA# 223001 A1.10	R	RO- 3.4	SRO- 3.6			
Validation Time	12 minu	ites	Time Critical	NO		
	Name	Social Securit	ry Number			
Operator						
Evaluator						
DIRECTIONS TO TR	AINEE:					
questions. To complete this task successfully, you must perform or simulate each critical 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.						
		formance		1		
Perform	X		Simulate			
Replica	X		In-Plant			
Satisfactory		I	Jn-Satisfactory			
Comments						
	Si	gnatures				
·						
Evaluator's	Date		Operatorie	Date		

JPM 200.0A

REFERENCE SECTION:

TASK CONDITIONS:

Plant at 100%

The Drywell Equipment Drain Tank (DWEDT) flow integrator is inoperable Both DWEDT pumps are operable

DWEDT was pumped down until the DWEDT pumps tripped and the pump switches were placed in OFF at 10:23:00

The DWEDT HIGH level alarm was received at 11:34:43

GENERAL TOOLS AND EQUIPMENT:

Calculator

GENERAL REFERENCES:

Procedure 351.2, High Purity Waste System, Rev. 47, Attachment 351.2-6 (leak-rate calculation)

TASK STANDARD:

Identified leak-rate is determined to be 4.1 gpm ± .1 gpm

CRITICAL ELEMENTS: (*)

4, 5

INITIATING CUES:

As the Unit Supervisor, I am directing you to calculate Identified Leak-Rate IAW Procedure 351.2, High Purity Waste System

JPM 200.0A

PERFORMANCE SECTION:

TASK CONDITIONS:

Plant at 100%

The Drywell Equipment Drain Tank (DWEDT) flow integrator is inoperable Both DWEDT pumps are operable

DWEDT was pumped down until the DWEDT pumps tripped and the pump switches were placed in OFF at 10:23:00

The DWEDT HIGH level alarm was received at 11:34:43

INITIATING CUES:

As the Unit Supervisor, I am directing you to calculate Identified Leak-Rate IAW Procedure 351.2, High Purity Waste System

ST	ART	TIME	

<u></u>			
P	ERFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT
1.	Obtains controlled copy of procedure	Procedure 351.2, Attachment 351.2-6 obtained	
2.	Record when pump switches were placed in OFF	Record 10 hours, 23 minutes, 00 seconds in step 1 of Attachment 351.2-6	
3.	Record when HIGH level alarm was received	Record 11 hours, 34 minutes, 43 seconds in step 2 of Attachment 351.2-6	
*4.	Determines pump down time in minutes	In step 3 of Attachment 351.2-6, determine total minutes of pump down time by calculating the difference in hours, minutes and seconds and converting them all to minutes (~71.7 minutes)	
*5.	Calculates leak-rate	Calculates leak rate by dividing minutes into 295 to determine gpm [4.1 (± 0.1) gpm]	
6.	Report leak-rate	Shows evaluator Attachment 351.2-6 or reports calculated leak rate	

COMPL	ETION.	TIME	

TASK CONDITIONS:

Plant at 100%

The Drywell Equipment Drain Tank (DWEDT) flow integrator is inoperable Both DWEDT pumps are operable

DWEDT was pumped down until the DWEDT pumps tripped and the pump switches were placed in OFF at 10:23:00

The DWEDT HIGH level alarm was received at 11:34:43

INITIATING CUES:

As the Unit Supervisor, I am directing you to calculate Identified Leak-Rate IAW Procedure 351.2, High Purity Waste System

OYSTER CREEK GENERATING STATION PROCEDURE

Number 351.2

Title

High Purity Waste System

Revision No. 47

IDENTIFIED LEAK RATE CALCULATION

ATTACHMENT 351.2-6

Los: _	Signa			ate	Time	
						
formed by: _						
	• •					
:			,			•
	-		•	•		
				•	• •	
	•					
		•				
		· · · ·	_ mins.			
Calculate id	lentified leal	c rate = <u>295</u>	gallons =	gpm		
Added Total	Minutes	=	mins.			
(secs.	x 1 min./60 s	secs.) =	_ mins.			
Difference	in mins.	=	_ mins.			
(hr. x	60 min./hr.)	=	_ mins.			
Calculate el	lapsed time in	n minutes.				
l	ır.	mins.		secs.		
Time Drywell	l Equip Drain	Tank Hi Leve	l alarm an	nunciated	(Step	12.5.3.4).
1	nr.	mins.	· 	secs.		* *
Time DWEDT 1	Pump Control :	Switches plac	ed in OFF	(Step 12.5	3.3)	
	Time Drywell Calculate el (hr. x Difference (secs. Added Total Calculate id	hr. Time Drywell Equip Drainhr. Calculate elapsed time in (hr. x 60 min./hr.) Difference in mins. (secs. x 1 min./60 s Added Total Minutes Calculate identified lead	hrmins. Time Drywell Equip Drain Tank Hi Levehrmins. Calculate elapsed time in minutes. (hr. x 60 min./hr.) = Difference in mins. = (secs. x 1 min./60 secs.) = Added Total Minutes = Calculate identified leak rate = 295	hr. mins. Time Drywell Equip Drain Tank Hi Level alarm an hr. mins. Calculate elapsed time in minutes. (hr. x 60 min./hr.) = mins. Difference in mins. = mins. (secs. x 1 min./60 secs.) = mins. Added Total Minutes = mins. Calculate identified leak rate = 295 gallons = mins.	Time Drywell Equip Drain Tank Hi Level alarm annunciated hr mins secs. Calculate elapsed time in minutes. (hr. x 60 min./hr.) = mins. Difference in mins. = mins. (secs. x 1 min./60 secs.) = mins. Added Total Minutes = mins. Calculate identified leak rate = 295 gallons = gpm mins.	hr mins secs. Time Drywell Equip Drain Tank Hi Level alarm annunciated (Step hr mins secs. Calculate elapsed time in minutes. (hr. x 60 min./hr.) = mins. Difference in mins. = mins. (secs. x 1 min./60 secs.) = mins. Added Total Minutes = mins. Calculate identified leak rate = 295 gallons = gpm mins.



JOB PERFORMANCE MEASURE 200.0D

An Exelon/British Energy Company

110. / pp. 010 101116	orary Procedure Cha	inge								
Task: Determine approval t			3410302018							
KA# 202002 2.1.2	RATING:	RO- 3.0	SRO- 4.0							
Validation Time	15 minutes	Time Critical	NO							
	urity Number									
Operator										
Evaluator										
DIRECTIONS TO TRA	AINEE:									
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.										
	Х	se Simulate	Performance							
Perform										
		1. Dient								
Replica	X	In-Plant								
Satisfactory	X	In-Plant Un-Satisfactory								
	X									
Satisfactory	X									
Satisfactory	X									
Satisfactory	X									
Satisfactory		Un-Satisfactory								
Satisfactory	Signature	Un-Satisfactory								

JPM 200.0D

REFERENCE SECTION:

TASK CONDITIONS:

The plant is being started up A Temporary Procedure Change is required to continue the startup

GENERAL TOOLS AND EQUIPMENT:

none

GENERAL REFERENCES:

Procedure AD-OC-101-1001, Processing of Procedures and T&RM's, Rev. 2, Section 4.11

TASK STANDARD:

Determine that the proposed Temporary Change fits the criteria for a change of intent and <u>cannot</u> be processed as a Temporary Change

CRITICAL ELEMENTS: (*)

4

INITIATING CUES:

You have been directed to determine if the temporary change is appropriate IAW Procedure AD-OC-101-1001, Processing of Procedures and T&RM's, Section 4.11

JPM 200.0D

PERFORMANCE SECTION:

TASK CONDITIONS:

The plant is being started up A Temporary Procedure Change is required to continue the startup

INITIATING CUES:

You have been directed to determine if the temporary change is appropriate IAW Procedure AD-OC-101-1001, Processing of Procedures and T&RM's, Section 4.11

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<u>P</u>	ERFORMANCE CHECKLIST	STANDARD	<u>INITIAL</u> SAT/UNSAT
1.	Obtains controlled copy of AD-OC-101-1001	Procedure AD-OC-101-1001 obtained and provide draft temporary change	
2.	Reviews supplied procedure change paperwork	Reviews provided draft temporary change	
3.	Determines intent of change	Determines that the proposed revision to the procedure will involve a change of intent	
*4.	Recommends non- approval	Recommends the Temporary Change NOT be approved because it changes Technical Specifications requirements	

COMPL	ETION	TIME	

TASK CONDITIONS:

The plant is being started up A Temporary Procedure Change is required to continue the startup

INITIATING CUES:

You have been directed to determine if the temporary change is appropriate IAW Procedure AD-OC-101-1001, Processing of Procedures and T&RM's, Section 4.11

ATTACHMENT 1 Procedure Approval Form

Procedure Number:	201 Plant Startup	Revision:	16
☐ New ☐ Supersede	Set to Revision Temp. Change	Temp or Interim. Change #:	
	☐ Editorial ☐ Interim Change	"7m	en am d
D	Batch O il A.		C - 03/27/2002-
Revision Summary: Attach add'l descrip if reg'd		w while in	
	STARTUP with any IRM	in Range 10	
Level of Use: X Level 1 -	Continuous Use Level 2 - Reference Use	Level 3 - Information	Llea
Originator: Jac	~ · \	3-27-02	ACAN PAIGL
	Print	Date:	Location/Ext:
Applicable BR	DR 🗀	QC	, ,
Site Contacts BY	LA	cl []	
Check box and PB 🔲	OCK Janes David	LG 🔲	
provide name TMI	ZN	Other 🗌	
VALIDATION Req'd: ☑ No [Yes, James David Hours Don't	— TRAINING Region	d: ☐ No 🔯 Yes
Change Management 7	ranyaga		sihet Brice
Change Management: Corporate	Change Checklist attached Not Required		•
Approval			
Common Docs Only	CFAM Print/Sign	Date:	Location/Ext:
Approval for Site Specific only: SEAM	Hold for:		
		· · · · · · · · · · · · · · · · · · ·	
Appr. Location: OYSTER	CREEK Superseded Document(s):	Mone	Rev
	CREEK Superseded Document(s):	Mone	Rev
	Req'd Reviews/Approval: (list)	Mc NG pordinator Review F	
ITR/RTR/SQR	Req'd Reviews/Approval: (list)		
ITR/RTR/SQR N/A Cross Discipline Reviews	Req'd Reviews/Approval: (list)	oordinator Review F	Req'd No Yes Discipline or Org.
ITR/RTR/SQR N/A Cross Discipline Reviews	Req'd Reviews/Approval: (list)	oordinator Review F	Req'd ☐ No ☐ Yes
ITR/RTR/SQR N/A Cross Discipline Reviews	Req'd Reviews/Approval: (list) SQ (A Surveillance Co Signature Signature	oordinator Review F	Req'd No Yes Discipline or Org.
ITR/RTR/SQR N/A Cross Discipline Reviews Print Print Print	Req'd Reviews/Approval: (list) SQ (Control Surveillance Control Signature Signature Signature Attach additional if req'd	Date	Discipline or Org. Discipline or Org. Discipline or Org.
ITR/RTR/SQR N/A Cross Discipline Reviews Print Print Print SQR Approval: 7	Req'd Reviews/Approval: (list) SQ (Surveillance Co Signature Signature Attach additional if req'd Tom Print Sign	Date Date Date	Req'd No Yes Discipline or Org. Discipline or Org.
ITR/RTR/SQR N/A Cross Discipline Reviews Print Print Print SQR Approval: 7	Req'd Reviews/Approval: (list) SQ (Control Surveillance Control Signature Signature Attach additional if req'd Tom Print Print This procedure is teach	Date Date Date Date Date Date Date	Discipline or Org. Discipline or Org. Discipline or Org. Discipline or Org.
Print Print Print Print SQR Approval: [And for 14 day, approval of ICs] 10CFR 50.59 Req'd: No	Signature Signature Signature Signature Attach additional if req'd This procedure is technologies excess pass Signature steech accurate for all to the steech accurate for all the steech	Date Date Date Date Date Date Date Date	Discipline or Org. Discipline or Org. Discipline or Org. Discipline or Org.
ITR/RTR/SQR N/A Cross Discipline Reviews Print Print Print SQR Approval: And for 12 day, approval of 10 s	Signature Signature Signature Attach additional if req'd Print Print This procedure is technologies excess para Signature accurate for all accurate for a	Date Date Date Date Date Date Date Date	Discipline or Org. Discipline or Org. Discipline or Org. Discipline or Org.
Print Print Print Print Print SQR Approval: [And for 14 day] approval of ICs] 10CFR 50.59 Req'd: X No Cor equivalent Reg. Review)	Req'd Reviews/Approval: (list) SQ (Surveillance Co Signature Signature Attach additional if req'd This procedure is tech accurate for all: Yes Tracking Number	Date Date	Discipline or Org. Discipline or Org.
Print Print Print Print SQR Approval: And for 14 day approval of 10S 10CFR 50.59 Req'd: No (or equivalent Reg. Review) PORC Required No Yes	Req'd Reviews/Approval: (list) SQ (Surveillance Co Signature Signature Attach additional if req'd This procedure is tech accurate for all: Yes Tracking Number	Date Date Date Date Date Date Date Date	Discipline or Org. Discipline or Org.
Print Print Print Print Print Print Print Print SQR Approval: [And for 14 day, approval of 10s] 10CFR 50.59 Req'd: No (or equivalent Reg. Review) PORC Required No Yes Temp Change	Signature Signature Signature Attach additional if req'd Print Print Print This procedure is tech accurate for all its procedure	Date Alture inically and functionally functional areas. pt, per	Discipline or Org. Discipline or Org.
Print Print Print Print Print Print Print Print SQR Approval: [And for 14 day, approval of 10s] 10CFR 50.59 Req'd: No (or equivalent Reg. Review) PORC Required No Yes Temp Change	Signature Signature Signature Signature Attach additional if req'd This procedure is technologies accurate for all accur	Date Date	Discipline or Org. Discipline or Org.
Print Print Print Print Print Print Print Print SQR Approval: [And for 14 day, approval of 10s] 10CFR 50.59 Req'd: No (or equivalent Reg. Review) PORC Required No Yes Temp Change	Signature Signature Signature Attach additional if req'd Print Print Print This procedure is tech accurate for all its procedure	Date Alture inically and functionally functional areas. pt, per	Discipline or Org. Discipline or Org.
Print Print Print Print Print Print Print SQR Approval: [And for 12 day] approval of 10 st (or equivalent Reg. Review) PORC Required No Yes Temp Change Authorization Reviews	Signature Signature Signature Signature Attach additional if req'd This procedure is technologies accurate for all accur	Date Date Date Date Date Date Date Date Date Alture unically and functionally functional areas. pt, per 3-27-01	Discipline or Org. Discipline or Org.
Print Print Print Print Print Print Print SQR Approval: [And for 12 day] approval of 10 st (or equivalent Reg. Review) PORC Required No Yes Temp Change Authorization Reviews	Signature Signature Signature Signature Attach additional if req'd This procedure is tect accurate for all accurate for all accurate for all accurate. Tracking Number SRO Print/Sign/Date	Date Date Date Date Date Date Date Date Date Alture unically and functionally functional areas. pt, per 3-27-01	Discipline or Org. Discipline or Org. Discipline or Org. Discipline or Org. 3 · 27 - 02 Date



OYSTER CREEK GENERATING STATION PROCEDURE

Number 201

Title

Plant Startup

Revision No.

16

4.0 PRECAUTIONS AND LIMITATIONS

- The minimum permissible sustained positive period is administratively limited 4.1 to 30 seconds.
- 4.2 Monitor nuclear instrumentation to ensure appropriate response as core ·reactivity changes.
- Under conditions of high Xenon concentration (less than 80 hours after 4.3 shutdown), the following are applicable:
 - 4.3.1 Source range count rate may be guite small as criticality is approached. Closely monitor source range instrument responsiveness to control rods.
 - 4.3.2 Control rods at the core periphery and control rods in notch positions 00 to 12 have increased rod worth compared to conditions of low or no Xenon concentrations. As a result, criticality may be approached more quickly when manipulating these control rods.
- 4.4 During the approach to critical, a Reactor Engineer shall be present in the Control Room to advise Control Room personnel. (Reference SOER 84-02)
- 4.5 Control rods that are considered inoperable must remain valved out of service in accordance with Procedure 302.1. Inoperable control rods may be withdrawn immediately prior to any post maintenance testing when it is reasonably assured that testing will result in declaring the control rod operable and adequate shutdown margin is maintained.
- 4.6 Observe the following Recirculation flow limits:

on Range 10.

- 4.6.1 During controlled RPV heatup or cooldown evolutions with 1 or more Recirc pumps in service, maintain total Recirculation flow ≥ 4.8 x 10E4 gpm. This flow will minimize thermal stratification in the vessel bottom head region.
- 4.6.2 Maintain total Recirculation flow > 10.4 x 10E4 gpm (> 39:65 x 10E6 lbm/hr) while in STARTUP mode with any IRM
- Von Jus 3 270 35.84
 Bb Frah 3 270 4.6.3 Maintain total Recirculation flow > 6.4 x 10E4 gpm while in RUN mode.



JOB PERFORMANCE MEASURE 200.0C

	ec directions for LCO	<u>'S</u>					
Task: Determine applicable Tech Spec and make log entry 341030201							
KA# 290003 2.1.12	RATING:	RO- 2.9	SRO- 4.0				
Validation Time	15 minutes	Time Critical	NO				
	Name	Social Secu	rity Number				
Operator							
Evaluator							
DIRECTIONS TO TRA	AINEE:						
Before you start, I will state questions. To complete the element correctly and demonstrated during the performance of the complete of the provided during the performance of the control	is task successfully, you ronstrate proper procedurate proper procedurate of required tasks.	must perform or simu al adherence. Peer cl	late each critical				
Performance							
Perform	X	Simulate					
Perform Replica	X	Simulate In-Plant					
	X						
Replica	X	In-Plant					
Replica Satisfactory	X	In-Plant					
Replica Satisfactory	X	In-Plant					
Replica Satisfactory	X	In-Plant					
Replica Satisfactory	X	In-Plant					
Replica Satisfactory	X	In-Plant Un-Satisfactory					
Replica Satisfactory	X	In-Plant Un-Satisfactory					

JPM 200.0C

REFERENCE SECTION:

TASK CONDITIONS:

Plant at 100%

The 'A' Control Room HVAC has just been placed OOS because of an electrical fault in the power supply

The 'B' Control Room HVAC in running in the NORMAL mode

GENERAL TOOLS AND EQUIPMENT:

none

GENERAL REFERENCES:

Technical Specifications

TASK STANDARD:

Determine Tech Spec requirements IAW TS 3.17.B

CRITICAL ELEMENTS: (*)

2, 3, 4, 5

INITIATING CUES:

You are directed to evaluate Technical Specifications for these conditions and make any appropriate control room log entries.

JPM 200.0C

PERFORMANCE SECTION:

TASK CONDITIONS:

Plant at 100%

The 'A' Control Room HVAC has just been placed OOS because of an electrical fault in the power supply

The 'B' Control Room HVAC in running in the NORMAL mode

INITIATING CUES:

You are directed to evaluate Technical Specifications for these conditions and make any appropriate control room log entries.

S	T	A	R	T	T	IN	ΛE	

<u>P</u>	ERFORMANCE CHECKLIST	<u>STANDARD</u>	<u>INITIAL</u> SAT/UNSAT	
1.	Obtains controlled copy of Technical Specifications (TS).	TS obtained		
*2.	Determine TS call	Determines that 7 day LCO is entered IAW TS 3.17.B. Also requires verifying operation of 'B' CRHVAC in the PARTIAL RECIRC mode once per 24 hour period.		
*3.	Begin LCO log entry	Click on LCO ENTRY button in Lotus Notes Control Room Log selection bar		
NOTE: It is not necessary to edit or change the pre-selected time, but the candidate may alter the time based on another timepiece.				
*4.	Make TS selection	From drop down menu, select '3.17.B.1' or '3.17.B.2'		
*5. sele	Make LCO Clock ection	From the drop down menu, select '7 days'		

JPM 200.0C

PE	RFORMANCE CHECKLIST	STANDARD	INITIAL SAT/UNSAT		
100000000000000000000000000000000000000	E: The candidate may sele ext field in step 8.	ect '24 hours', but must describe the 7 day i			
6.	Make LCO Planned selection	In the 'LCO Planned" block, select NO			
7.	Verify LCO time clock expiration	Verify expiration time is properly calculated and select YES	·		
8.	Add entry statement as required	Place explanation into space provided; candidate may restate the tech Spec again in different words or may add the requirement to verify the PARTIAL RECIRC mode on the operable system once every 24 hours			
P	E: It is not required to additted.	d any explanation, but amplifying comment	s are		
9.	Save and exit	Selects "Save and Exit" button			
10.	Spell Check	Acknowledges Spell Check, skip or correct any miss-spellings			
11.	Is it correct?	At the "Is It Correct" prompt; selects the "YES" button	:		
CUE: When JPM is complete, DELETE the LCO entry from the log					

COMPL	ETION	TIME	

TASK CONDITIONS:

Plant at 100%

The 'A' Control Room HVAC has just been placed OOS because of an electrical fault in the power supply

The 'B' Control Room HVAC in running in the NORMAL mode

INITIATING CUES:

You are directed to evaluate Technical Specifications for these conditions and make any appropriate control room log entries.



JOB PERFORMANCE MEASURE 200.0B

An Exelon/British Energy Company

Title: Approve Radioactive Discharge Permits							
Task: Release water from	Task: Release water from 1-5 Sump 3410302012						
KA# 290001 2.1.23		RATING:	RO- 3.9	SRO- 4.0			
Validation Time	12	minutes	Time Critical	NO			
	Name	J	Social Secu	rity Number			
Operator							
Evaluator							
DIRECTIONS TO TR	AINEE:						
element correctly and dem provided during the perfori	Before you start, I will state the task conditions and initiating cues and fully answer any questions. To complete this task successfully, you must perform or simulate each critical 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	Performance	Simulate				
Replica	X		In-Plant				
Satisfactory		-	In-Satisfactory				
Comments	<u>*************************************</u>	Finning		8881			

		Signatures					
Evaluator's	Da	te	Operator's	Date			

JPM 200.0B

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

JPM 200.0B

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 Procedure 101.9, Release of Water to the Environment from 1-5 Sump

ST	ART	TIME	

F	PERFORMANCE CHECKLIST	<u>STANDARD</u>	<u>INITIAL</u> 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 T	TME
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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



OYSTER CREEK NUCLEAR GENERATING STATION PROCEDURE

Number 101.9

Title

Release of Water to the Environment from 1-5 Sump

Revision No.

•

DCN 20.19.22.03

ATTACHMENT 101.9-2

Release of Water from 1-5 Sump to Environs

Release No. XX-OL			
Collection Date: Yesterday Radiochemical Analysis	Time: //:40	By: Home	
Gamma Isotopic	Observed	Limit μCi/ml ≤1.0E-6μCi/ml	
Tritium		μCi/ml	
Sr 89, 90*		μCi/ml	
Fe 55*		μCi/ml	
Total Isotopic	1.0 E-5	μCi/ml *when gamma activity >1.0 E-6 μCi/ml	
Gross α (if applicable)		μCi/ml	
Release Rate Criteria (To be	completed only if	f total activity >1.0E-6µCi/ml)	
Isotopic Total + Tr	itium	+ Alpha = Ratio Number	•
μCi/ml +	μCi/ml	<u>l</u> + <u>μCi/ml</u> =	
2.6 E-8 μCi/ml	8.0 E-4 μCi/ml	l 7.9 E-9 μCi/ml	
Ratio Number X Discharge Flow Dilution Flow Chemical Analyses	<u>N</u> =	<pre>X 100 (max) = (if <1.0 Relea</pre>	
Analysis	Concentratio		- -
Discharge to Environs		By:	
	ΔT (min) X N X _ X _	No. Pumps X 50 gpm = Volume	1.
		MAN	,
Analysis performed by Release Rate Verified (if Gamma	isotopic	Chemistry Technician	
> 1.0 E-6 µCi/ml	10000020	M/A- Calculation Verified	
Approval for Discharge (necessa naturally occurring nuclides ar			<u>-</u>
Discharge Complete:			
Paperwork reviewed/complete:		Group Shift Supervisor Group Chemistry Supervisor	-



JOB PERFORMANCE MEASURE 345.03N

Title: Classify an Eme	rgency or Abr	normal E	vent.				
:Title: Classify an Emergend	cy or Abnormal E	vent.		2000502401			
KA# 294001 GA1-16	RATING:		RO - N/A	SRO - 4.7			
Validation Time	15 minute	es	Time Critical	Yes			
	Name		Social Securit	y Number			
Operator							
Evaluator							
DIRECTIONS TO TRAINE	<u> EE:</u>						
Before you start, I will state questions. To complete this element correctly and demonstrated during the performance of the complete of the performance of the complete of the	s task successfu onstrate proper p nance of required	lly, you mu rocedural a d tasks.	ist perform or simulat adherence. Peer che	e each critical			
7.00 / E. 21.000.000 0.00 0.		ormance	TOTAL TOTAL CONTROL OF THE CONTROL O				
Perform	х		Simulate				
Replica	N/A		In-Plant	N/A			
Satisfactory		Un	-Satisfactory				
Comments							
·							
	Sig	natures					
Evaluator's	Date		Operator's	Date			

JPM 345.03N

TASK CONDITIONS:

You are the Unit Supervisor for the operating shift

The plant is operating at 100% power.

The following conditions are reported from the Site Protection Shift Supervisor;

- An unauthorized vehicle has gained access to the site
- Security has disabled and surrounded the vehicle in the employee parking lot
- The driver of the vehicle has not surrendered and the threat is unknown

GENERAL TOOLS AND EQUIPMENT:

None

GENERAL REFERENCES:

Procedure EPIP-OC-.01, Rev. 12

TASK STANDARD:

None

CRITICAL ELEMENTS: (*)

2, 3, 5, 6

INITIATING CUES:

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

STA	RT	TIME	

PERFORMANCE CHECKLIST	<u>STANDARD</u>	INITIAL SAT/UNSAT
Obtain controlled copy of procedure	Obtains controlled copy of procedure EPIP-OC01	
*2. Determined Emergency	Declares "ALERT" - Cat. R-1.	
Classification and associated EAL.	Compromise is on site, but no penetration of the Protected Area has occurred	
	Time Critical Portion of JPM complete	
	Time Complete (<15 minutes)	
*3. Completes Emergency	Fill in the block with:	
Classification block	An "ALERT" was declared at "current time" on "current date". The EAL is "R-1"	
4. Completes Event Description	Fill in the block with:	
block	Description similar to; "Security compromise on Site with no penetration of the Protected Area has occurred"	
*5. Completes Radioactive	Fill in the block with:	
Release Status block	Check the line that states that "There is no abnormal radiological release in progress"	
*6. Completes Meteorological	Fill in the block with:	
<u>Condition</u> block	From the Weather screen record; Wind direction is from " " degrees and wind speed is " " miles per hour (use 380' elevation data)	
7. Completes On-Site Protective	Fill in the block with:	
Action block	Check the three lines for ALERT condition	
8. Present to Shift Manager (SM)	Present filled-in Notification form to evaluator for SM approval	
COMPLETION TIME		

COMPLETION TIME_____

TASK CONDITIONS:

You are the Unit Supervisor for the operating shift

The plant is operating at 100% power.

The following conditions are reported from the Site Protection Shift Supervisor;

- An unauthorized vehicle has gained access to the site
- Security has disabled and surrounded the vehicle in the employee parking lot
- The driver of the vehicle has not surrendered and the threat is unknown

INITIATING CUES:

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

OYSTER		EMERGENCY REPORT FORM - OC	PART 1 OF 3
GENERA	TING STATION	(Press Firmly and Write Clearly)	ED-Copy
□ Th	is is a Drill. This is a Drill	☐ This is <u>NOT</u> a D	rill. This is <u>NOT</u> a Drill
TERC	GENCY CLASSIFICATION		
$\overline{}$	a Event Declared		
		Event Declared 24 Hour Clock	
	Event has been terminated at	on	
EVENT	DESCRIPTION	24 Hour Clock	
RADIO	ACTIVE RELEASE STATUS		
	re is no abnormal radioactive release in		
☐ The	re is an abnormal (AIRBORNE/	LIQUID) radioactive release in progress. (i.e. exc	eeds ODCM Limits)
METEC	PROLOGICAL CONDITION		
		s and wind speed is miles per hour. Use 3	
		neir normal duties pending further notice.	
☐ (AL ☐ (SA	ERT/SAE/GE) Eating, Drinking and S E only) Site Accountability has been of	continue with their normal duties pending further instruction moking is prohibited until further notice. ordered. All non-essential personnel in the protected area rect one) OCAB Cafeteria OR Warehouse.	
site		red. All non-essential personnel, who do not have a specifin Gate (If needed) the Remote Assembly Area Forked River A	
		NOTES ONLY DO NOT VIDITE BUTTIES CO.O.	
		NOTES ONLY – DO NOT WRITE IN THIS SPACE	
	ne special case of a security event whic prity VIA the ENS line.	h does not upgrade current classification, ensure the NRC	is notified of the event and status of plant
2. If an	n environmental event occurs which is	included in category V of procedure 126, ensure appropria	te 126 notifications are complete.
3. If a	contaminated injured person must be to	ransported off-site, ensure appropriate notifications are con	nplete.
any		npleted and communicated to the NJBNE once per half-ho sent when in a UE level of emergency. After confirmation I.	
5. Ens	ure the organizations contacted as listed	d on the notification forms are notified of termination.	
			•
\sim			
APPRO	VAL		
Signature	24 hour clos	k Date	· · · · · · · · · · · · · · · · · · ·

PLANT PROCESS COMPUTER SCREEN

3/29/02	10:12:29	WEATHER-PLUS	PAGE 1 OF 2		
POINT ID	POINT DES	CRIPTION	VALUE	EU name	ALARM STATUS
SPD380A	380' 15MIN	AVG WIND SPEED A	8.0	MPH	NORM
DIR380A	380' 15MIN	AVG WIND DIR A	269.0	DEG	NORM
TER380A		AVG WIND TEMP A	70.0	DEG F	NORM
TER33A		VG WIND SPEED A	70.0	DEG F	NORM
DT380A	(380'-33') 15	MIN AVG DELTA T A	.0	DEG F/34	NORM
SPD380B	380' 15MIN	AVG WIND SPEED B	8.0	MPH	NORM
DIR380B		AVG WIND DIR B	269.0	DEG	NORM
TER380B		AVG WIND TEMP B	70.0	DEG F	NORM
TER33B	33' 15MIN A	VG WIND SPEED B	70.0	DEG F	NORM
DT380B	(380'-33') 15	MIN AVG DELTA T B	.0	DEG F/34	NORM
SPD33AMX	33' 15MIN M	1AX WIND GUST A	7.0	MPH	NORM
=		IAX WIND GUST B	7.0	MPH	NORM
•					
DWTEMP	BULK DW T	EMP (CALCULATED)	129.0	DEG F	NORM
INT15AVG	INTAKE TEN	MP:15-MIN AVG	62.0	DEG F	NORM
CNTRLVLV	TURB CNTRI	L VLV POSITION-PERCENT	96.7	PERCENT	NORM
MW		RATOR MEGAWATTS	662.3	MW	NORM