

FOR SIMULATOR USE ONLY

IF the operator is present when setting up for the JPM, THEN read the following:

PLEASE STANDBY WHILE WE ESTABLISH CONDITIONS FOR THE NEXT JPM.
--

SET UP:

1. INITIALIZE to IC-25, HSD EOL
2. UNFREEZE
3. Operate Steam Dump and AFW to establish a 100° F/Hr. cooldown rate.
4. Turn OFF Pressurizer Heaters and establish maximum Pressurizer Spray.
5. WHEN pressure is less than 2000 psig, BLOCK SI.
6. WHEN pressure is at 950 psig, operate Heaters and/or Spray as necessary to maintain at 950 psig.
7. Operate Steam Dump and AFW to stop cooldown.
8. On SI2, line 9 (SI 109), close BKRS for SI Valves.
9. ACKNOWLEDGE and RESET any alarms.
10. FREEZE
11. Snap a temporary IC if desired.

Ensure simulator is clear of all unauthorized individuals and is conducive to conducting the examination.

Ensure that all procedures and other materials necessary to conduct the JPM examination are in the proper locations.

Go to the next page.

READ THE FOLLOWING TO THE OPERATOR AND HAND HIM THE NEXT PAGE OF THE JPM:

THIS TASK IS NOT TIME CRITICAL

THE TASK CONDITIONS ARE:

YOU ARE THE Reactor Operator.

PLANT IS AT intermediate shutdown.

N-0-05, Plant Cooldown from Hot Shutdown to Cold Shutdown is being performed.

RCS pressure is being held at approximately 950 psig.

THE STEPS IN THIS JPM SHOULD BE: PERFORMED

INITIATING CUE:

You are directed by the Control Room Supervisor to perform the Control Room portion of N-SI-33-CL to align the Safety Injection System for operation less than 1000 psig.

DO YOU HAVE ANY QUESTIONS BEFORE WE BEGIN?

Answer any questions the Operator may have, THEN read the following to the Operator to initiate the JPM performance:

LET'S BEGIN

THIS TASK IS NOT TIME CRITICAL

THE TASK CONDITIONS ARE:

YOU ARE THE Reactor Operator.

PLANT IS AT intermediate shutdown.

N-0-05, Plant Cooldown from Hot Shutdown to Cold Shutdown is being performed.

RCS pressure is being held at approximately 950 psig.

INITIATING CUE:

You are directed by the Control Room Supervisor to perform the Control Room portion of N-SI-33-CL to align the Safety Injection System for operation less than 1000 psig.

FOR SIMULATOR USE ONLY

Take the simulator out of freeze.

Use the JPM evaluation form to mark the operator's performance as the task is being done.

Provide any necessary cues that the JPM calls for which are NOT provided by the Simulator feedback.

Take notes to support the resulting pass/fail grade.

For unsatisfactory grades, documentation must be noted in the comment section of the JPM evaluation form.

LOG START TIME:

STEP	PERFORMANCE ITEM	* STANDARD	SAT/ UNSAT	S U
1.	REFER to N-SI-33-CL Safety Injection System Pre-startup Checklist.	* REFER to N-SI-33-CL.		
(c) 2.	POSITION Safety Injection Pump A Control Switch to Pullout.	* POSITION Safety Injection Pump A Pullout. VERIFY green light OFF, red light OFF.		
(c) 3.	POSITION Safety Injection Pump B Control Switch to Pullout.	* POSITION Safety Injection Pump B Pullout. VERIFY green light OFF, red light OFF.		
(c) 4.	POSITION SI-20A/MV-32091 Accumulator A Isolation Control Switch to CLOSED/AUTO.	* POSITION SI-20A Control Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		
(c) 5.	POSITION SI-20B/MV-32096 Accumulator B Isolation Control Switch to CLOSED/AUTO.	* POSITION SI-20B Control Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		
6.	POSITION SI-11A/MV-32092 Safety Injection to Loop A Cold Leg Control Switch to CLOSED/AUTO.	* POSITION SI-11A Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		
7.	POSITION SI-11B/MV-32097 Safety Injection to Loop B Cold Leg Control Switch to CLOSED/AUTO.	* POSITION SI-11B Control Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		
8.	POSITION SI-9A/MV-32094 Safety Injection to RCS Cold Legs Control Switch to CLOSED/MP.	* POSITION SI-9A Control Switch to CLOSED/MP. VERIFY green light ON, red light OFF.		

STEP	PERFORMANCE ITEM	* STANDARD	SAT/ UNSAT	S U
9.	POSITION SI-9B/MV-32095 Safety Injection to Reactor Vessel Control Switch to CLOSED/MP.	* POSITION SI-9B Control Switch to CLOSED/MP. VERIFY green light ON, red light OFF.		
(c) 10.	POSITION SI-300A/MV-32111 RWST Supply to RHR Pump A Control Switch to CLOSED/MP.	* POSITION SI-300A Control Switch to CLOSED/MP. VERIFY green light ON, red light OFF.		
(c) 11.	POSITION SI-300B/MV-32112 RWST Supply to RHR Pump B Control Switch to CLOSED/MP.	* POSITION SI-300B Control Switch to CLOSED/MP. VERIFY green light ON, red light OFF.		
12.	POSITION SI-302A/MV-32100 RHR Pump A Injection to Reactor Vessel Control Switch to CLOSED/AUTO.	* POSITION SI-302A Control Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		
13.	POSITION SI-302B/MV-32101 RHR Pump B Injection to Reactor Vessel Control Switch to CLOSED/AUTO.	* POSITION SI-302B Control Switch to CLOSED/AUTO. VERIFY green light ON, red light OFF.		

* Indicates required items for satisfactory completion of performance items.

LOG STOP TIME:

When the operator completes the performance portion of the JPM, then read the following:

THAT COMPLETES THIS PORTION OF THE JPM.

Ask any required follow-up questions and note the questions and answers in the JPM evaluation comments section.

When any required follow-up questions are completed, then ask the JPM QUESTIONS.

HAND A COPY OF THE QUESTION TO THE OPERATOR, THEN READ THE JPM QUESTIONS VERBATIM. If the operator requests clarification, then note rephrasing.

When the JPM QUESTIONS are completed, then read the following:

THAT COMPLETES THIS JPM.

Complete the documentation on the next page.

	YES	NO	N/A
Were all of the critical steps performed correctly?			
<u>IF</u> the JPM was time critical, <u>THEN</u> was the JPM completed in the designated time?			
<u>IF</u> the JPM was NOT time critical, <u>THEN</u> was acceptable progress made in performing the task?			
Was the task standard met?			

IF any of the above questions was answered with a NO response, THEN this JPM must be evaluated as UNSATISFACTORY.

THE TASK STANDARD FOR THIS JPM IS:

SI system aligned for less than 1000 psig in accordance with N-SI-33-CL.

Job Performance Measure was:

SATISFACTORY _____ UNSATISFACTORY _____

EVALUATOR SIGNATURE: _____ DATE: _____

COMMENTS: