

## N/APROPOSED OUTLINE COMMENTS

Facility: Fermi (retake)

First Exam Date: 06/10/2024

**2024 RETAKE EXAM FOR SRO JPM'S (ALL) ONLY. Written exam and dynamic operating test are marked N/A.**

<b>Written Exam Outline</b>		
	<b>Comment</b>	<b>Resolution</b>
1	N/A	N/A

<b>Administrative JPM Outline</b>		
	<b>Comment</b>	<b>Resolution</b>
1	<p><b>JPM A1 - Thermal Limit Verification (MAPRAT).</b>  <i>K/A 2.1.7</i>                      - No comments  <i>Source: 2019</i></p>	- N/A
2	<p><b>JPM A2 - Evaluate Plant Chemistry Results.</b>  <i>K/A 2.1.34</i>                      - No comments  <i>Source: 2021</i></p>	- N/A
3	<p><b>JPM A3 – Evaluate offsite power sources under degraded grid conditions</b>  <i>K/A 2.2.37</i>                      - No comments  <i>Source: 2020</i></p>	- N/A
4	<p><b>JPM A4 – Initiate authorization to exceed dose control threshold</b>  <i>K/A 2.3.12</i>                      - No comments  <i>Source: 2019</i></p>	- N/A
5	<p><b>JPM A5 – Hostile action in the owner controlled area</b>  <i>K/A 2.4.28</i>                      - Does DTE want the security procedure being used withheld from public disclosure?                      - Appears this would be a 2-part JPM with a time critical piece (EAL determination). Is it necessary to test both parts or can we test either the security response piece (would better fit the K/A) or the EAL piece?  <i>Source: New</i></p>	<ul style="list-style-type: none"> <li>- The security procedure referenced for this JPM is not “safeguards” nor anything like that DTE is OK if the procedure is posted to ADAMS with the JPM.</li> <li>- The JPM is two parts but this was chosen for two reasons. First, both parts would be required of the SM, or another available SRO, when the Hostile Action AOP is entered (note that this AOP was not included as a reference because it IS safeguards material). In that AOP, there are two steps that the CRS would inform the SM that need to be done, which are make onsite protective actions and</li> </ul>

		<p>declare the event, which would then involve informing offsite authorities. Second, having both parts ensures that there are at least 2 Critical Steps. It is possible to remove the EAL piece because the PAR piece has 2 possible CTs (sound the plant area alarm and then make the appropriate announcement) both of which are required by the procedure.</p> <p>NRC:</p> <ul style="list-style-type: none"> <li>- Will need to evaluate this once the JPM is written to determine viability (2 critical steps, adequate difficulty, etc). Want to avoid starting a time critical JPM at a specific point in the JPM.</li> </ul>
10	<p><b>General comment</b></p> <ul style="list-style-type: none"> <li>- No comments</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>

<b>Control Room / In-Plant System JPM Outline</b>		
	<b>Comment</b>	<b>Resolution</b>
1	<p><b>JPM a – P603 ATWS Actions – RWCU Fail to Isolate on SLC Start (Alt Path)</b> K/A 211000 A1.08 A,N,S SF1</p> <ul style="list-style-type: none"> <li>- This appears to be an “EN” designator JPM as well.</li> </ul> <p><i>Source: New</i></p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
2	<p><b>JPM b – Manually Place RHR in LPCI Mode (Alt Path)</b> K/A 203000 A4.02 A,EN,L,D,S SF2</p> <ul style="list-style-type: none"> <li>- No comments</li> </ul> <p><i>Source: 2019</i></p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
3	<p><b>JPM c – Enable a Disabled Pressure Regulator</b> K/A 241000 A1.01 N,S SF3</p> <ul style="list-style-type: none"> <li>- No comments</li> </ul> <p><i>Source: New</i></p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
4	<p><b>JPM d – Fire in Main Turbine Lube Oil</b> K/A 245000 A4.01 N,S SF4</p> <ul style="list-style-type: none"> <li>- JPM is different from the applicant’s initial exam JPM b.</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>

	<p>Similar initiator, but different actions. No overlap concern. <i>Source: New</i></p>	
5	<p><b>JPM e</b> – HPCI Steam Leak with Auto Isolation Failure (Alt Path) K/A 290001 A2.05 A,EN,M,S SF5</p> <ul style="list-style-type: none"> <li>- How is this JPM different than the applicant’s initial exam (2024) scenario 1 event 5 (HPIC Steam leak – failure to auto isolate, manual isolation successful)? Is the alt path portion of this JPM different than that scenario event? May need to replace or significantly modify JPM.</li> <li>- Is the failure to isolate HPCI prior to reaching max safe failure criteria for the JPM?</li> </ul> <p><i>Source: Modified</i></p>	<ul style="list-style-type: none"> <li>- This JPM is different from the scenario event in that the JPM is initiated (cued) differently, in that the examinee will be transferring HPCI suction sources when the steam leak will occur. Since transferring HPCI suction sources is a different JPM in our exam bank, this should not cue the examinee into the fact that a steam leak will occur.</li> <li>- An alternative could be that we change the system from HPCI to RCIC, so as to maintain the same Safety Function category and similar K/A, thus minimizing impact to the outline. The JPM would be initiated the same way, in that the examinee would start by transferring RCIC suction, which would then lead to a steam leak requiring manual isolation.</li> </ul> <p>NRC:</p> <ul style="list-style-type: none"> <li>- Recommend changing to RCIC to avoid the overlap concern.</li> </ul>
6	<p><b>JPM f</b> – Shutdown EDG 11 from MCR following a LOCA K/A 264000 A4.04 EN,L,D,S SF6</p> <ul style="list-style-type: none"> <li>- <i>JPM description states “will be run as a set with LPCI JPM above.” Believe this is a typo and should HPCI, not LPCI.</i></li> </ul> <p><i>Source: 2019</i></p>	<ul style="list-style-type: none"> <li>- The description was correct. The Simulator IC will be set such that a large LOCA will be present. After the LPCI JPM is complete, the examinee will be cued to shut down EDG 14. Note that the IC will have the other EDGs, 11, 12 and 13, already shut down and EDG 14 will be loaded to satisfy procedural requirements that permit it to be secured.</li> </ul> <p>NRC:</p> <ul style="list-style-type: none"> <li>- Sat.</li> </ul>
7	<p><b>JPM g</b> – N/A <i>Source: N/A</i></p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
8	<p><b>JPM h</b> – Shift Divisions of CCHVAC (Alt Path) K/A 290003 A4.02 A,EN,N,S SF9</p> <ul style="list-style-type: none"> <li>- No comments</li> </ul> <p><i>Source: New</i></p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
9	<p><b>JPM i</b> – Vent the Scram Air Header K/A 201001 K4.14 D,E,R SF1</p>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>

	- <i>No comments</i> <i>Source: 2020</i>	
10	<b>JPM j</b> – Realign for Control from the Dedicated Shutdown Panel K/A 295016 AA1.07 D,E,R SF7 - No comments <i>Source: 2019</i>	- N/A
11	<b>JPM k</b> – RBCCW Differential Pressure Control – Manual Bypass Operation (Alt Path) K/A 400000 A1.03 A,D,R SF8 - No comments <i>Source: 2021</i>	- N/A
12	<b>General comment</b> - No comments	- N/A

<b>Simulator Scenario Outline Comments</b>		
	<b>Comment</b>	<b>Resolution</b>
1	N/A	N/A