

**FACILITY COMMENTS TO THE NRC-PROPOSED**

**PALISADES INITIAL WRITTEN EXAMINATION - MAY 2005**

**THE FACILITY DID NOT PROVIDE ANY WRITTEN COMMENTS**

**TO THE NRC-PROPOSED OPERATING TEST.**

## PALISADES MAY/JUNE 2005 INITIAL LICENSE EXAM FACILITY WRITTEN EXAM COMMENTS

Q #	Comment	Resolution
1	<p>1) Revise question stem for clarity by stating PT-0102B fails low and no operator action is taken, as opposed to knowing that the channel was placed in trip after 8 days of being inoperable.</p> <p>2) Also, in distractors A and B revise "NI RPS function" to "affected RPS trip function".</p>	Comments incorporated.
2	<p>Remove "Quench tank temp is 106F and increasing very slowly" from the question stem.</p> <p><i>Tech incorrect. As Pzr level rises, charging flow lowers and letdown flow will rise.</i></p>	<p>Comment incorporated.</p> <p>Comment incorporated.</p>
4	Distractor 'D' was also a correct answer per EOP-4.0. Question revised.	Comment incorporated.
10	RVLMS design cannot indicate in given increments, stem should indicate RVLMS reading of 71"	Comment incorporated.
12	Remove "Turbine Building temperature and pressure are increasing" from the question stem, since it adds no value.	Comment incorporated.
13	<p>1) In the question stem, change "Main Control Board indication(s)" to "indication(s)".</p> <p>2) Change distractor C to: "ONLY Amperage indications for Battery No. 1 can be used."</p>	Comments incorporated.
14	Power level was included to clarify mode of applicability.	Comment incorporated.
16	Conflicting references between DBD 5.02, 3.3.2 and ONP-2.3. Sys. Eng. was contacted regarding question and question was revised.	Comment incorporated.
17	Revise question to state that the CC system is unavailable as opposed to stating a total loss of CCW has occurred.	Comment incorporated.
18	A plant modification has changed the way the Instrument Air System is operated. Alter question to reflect current way plant operates (1 SAC running as opposed to 2 SACs running).	Comment incorporated.

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19	Revise from asking what makes a control rod operable to asking if given conditions make the rod inoperable.	Comment incorporated.
22	In distractors A and B, change "525°F" to "524°F" to agree with EOPs.	Comment incorporated.
23	The condenser becomes unavailable for turbine bypass valve operation at 5" Hg condenser vacuum, thus the condenser will be available for use for the given plant conditions. The correct answer is thus B and not D.	Comment incorporated.
24	Question revised by changing distractor C & D to 1.1 times for alarm setpoint	Compromised on current question form during 5/6 meeting w/ Palisades.
26	Alarm part of question was not required from memory so it was eliminated from question.	Compromised on current question form during 5/6 meeting w/ Palisades.
27	<p>Switch question 27 with question 92 because with suggested changes to the stem of question 27 associated with AFW flow rate being at maximum and S/G levels at 40% and lowering, this question could be an SRO level question.</p> <p><b>Questions were not switched. New question replaces Q#27</b></p>	<p>Can NOT switch questions 27 and 92, since Q27 is a Group 2 Tier 1 Generic question and Q92 is a Group 2 Tier 2 A2 question. Switching questions would result in the "skyscraper" number requirements on form ES-401-2 not being met.</p> <p><b>Question to be replaced. Question has been replaced.</b></p>
29	<p>1) Remove "A plant fire drill is in progress just outside of the Turbine Building" from the question stem, since it adds no value.</p> <p>2) In the question stem, change the phrase "how will Primary Coolant Pump (PCP) parameter(s) change" to "how will Primary Coolant Pumps be affected", since distractors C and D are not associated with parameters.</p>	Comments incorporated.
31	In distractors A, B, and D, delete mention of an Action Request.	Comment incorporated.

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32	Replace question because flow would not have been isolated to the CC Hx for the given set of conditions stated in the question stem.	Question was replaced with question suggested by the facility.
34	Terminology changes incorporated.	Comments incorporated.
35	One of the distractors changed from 1690 to 1695 psia.	Comments incorporated.
38	1) Change distractor B to "Pressurizer steam quality increases." 2) Change distractor D to "Pressurizer steam enthalpy will remain the same."	Comments NOT incorporated, since would make distractors B and D also correct answers.
40	1) Add to question stem that "PZR level is off scale low" as clarifying information to ensure applicants realize PZR pressure should be below the SI setpoint. 2) Add to question stem that NO immediate actions have been taken.	Comments incorporated.
41	In the distractors change "Train 1" to "Left Train" and change "Train 2" to "Right Train".	Comment incorporated.
42	Question is not accurate. PCS needs to be vented. It does not need to be < 200F and vented.	Comments incorporated.
43	Recommend change that is more operationally complete and valid. (Stroke times of valves changed)	Compromised on current question form during 5/6/05 meeting with Palisades.
47	Revise distractors to incorporate plant nomenclature.	Comment incorporated.
50	Alter question slightly to ask what plant service water loads have the greatest flow rates associated with them as opposed to which components are isolated per an attachment in ONP-6.1, Loss of Service Water procedure.	Comment incorporated.

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52	Change distractors to reflect that P-8C may not trip based on the conditions in the question stem.  Valve numbers changed to include zero. CV-736 was changed to CV-0736	Comment incorporated.
53	Change question stem so that C-2C Station Air Compressor is OOS instead of running (to reflect the <i>current practice of having only one SAC normally running</i> ).	Comment incorporated.
54	1) Since main feedwater is always isolated following a Rx trip, AFW will be controlling S/G levels following a Rx trip. Thus, distractor B is the correct answer and not distractor D. 2) In the question stem, add "EOP-1.0 Immediate Actions have been completed."	Comments incorporated.
60	Need to specify ALL Containment Spray pumps are operating.	Comment incorporated.
63	Tech. issue. Recommended change to align with procedure.	Comment incorporated.
65	An applicant should have to know which CW Pump feeds which side (east or west) of the condenser. The distractors should be changed to eliminate this requirement from the question.	Comment incorporated.
67	In the question stem, change "Containment air temperature is currently at Tech Spec limit" to "140°F" to eliminate the need to know the max allowable containment air temperature from memory.	Comment incorporated.
68	Operationally invalid. Revise question.	Revision incorporated.
75	Recommend replacement question that is more operational in nature.	Revision incorporated.
76	Change distractors to delete mention of isolating CCW to the SFP Hx, due to the way ONP-6.2 is implemented, with no CCW available.	Comment incorporated.

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Q #	Comment	Resolution
77	In the question stem, add that Bus 1D de-energized following the Reactor trip (this will indicate that boric acid pumps will not be available due to Bus 1D being de-energized).	Comment incorporated.
78	Palisades did not think the original question was operationally valid. Replaced question.	Revision incorporated.
79	Distractor D is the correct answer for this question and not distractor C.	Comment incorporated.
82	Change distractor D (correct answer) from a Reactor trip due to High PZR pressure instead of from High PZR level.	Comment incorporated.
83	1) In the question stem, add that shutdown rods are being withdrawn. 2) In distractors B and D, add the word "Immediately" at the beginning of the distractors.	Comments incorporated.
85	Recommend changes to enhance accuracy & clarity.	Comments incorporated.
87	Change distractors A and D to indicate PCP P-50A is a possible pump that could supply spray valve CV-1057.	Comment partially incorporated. Revised distractors so that one must determine which PCP (A, B, C, or D) must be tripped if spray valve CV-1057 fails open.
88	Recommend changes to improve clarity.	Comments incorporated.

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92	<p>Switch question 27 with question 92 because with suggested changes to the stem of question 27 associated with AFW flow rate being at maximum and S/G levels at 40% and lowering, this question could be an SRO level question.</p> <p><b>Question was not switched with 27. Original question was revised to make it an SRO level question.</b></p>	<p>Can NOT switch questions 27 and 92, since Q27 is a Group 2 Tier 1 Generic question and Q92 is a Group 2 Tier 2 A2 question. Switching questions would result in the "skyscraper" number requirements on form ES-401-2 not being met.</p> <p><b>Need to revise old Question 92 to add procedure transition references.</b></p>
93	<p>Recommend a more operationally valid question.</p>	<p>Comment incorporated.</p>
94	<p>Change question stem to indicate that Unidentified Leakage is occurring. Site indicated that any leakage into the Quench tank is considered Unidentified Leakage, and thus distractor B is the correct answer and not distractor A.</p> <p><b>Based on Palisades input question was changed to reflect leakage into Quench Tank as Unidentified.</b></p>	<p><b>Open item: Verify Palisades leak rate procedure states that leakage into Quench tank is unidentified.</b> Item closed.</p>
97	<p>Palisades recommends a more operationally valid question.</p>	<p>New question incorporated.</p>