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Waterford 3

**Confidential and Personally Identifiable Information (PII) Attached
Withhold Under 10 CFR 2.390**

10 CFR 55

W3F1-2022-0019

March 15, 2022

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Operator Post Examination Submittal
Waterford Steam Electric Station, Unit 3 (Waterford 3)
Docket No. 50-382
Renewed Facility Operating License No. NPF-38

Reference: 1. NRC Letter, "Waterford Steam Electric Station, Unit 3 - Notification of NRC Initial Operator Licensing Examination 05000382/2021301", dated April 28, 2021. (ADAMS Accession No. ML21117A293)

As discussed in NRC Staff letter dated April 28, 2021 (Reference 1), Entergy is hereby submitting the post operating, administered February 21, 2022, and written test exam administered March 9, 2022, results for reactor operator and senior reactor operator licensing examination at Waterford 3.

We request that the enclosed material be withheld from public disclosure due to its personal nature, in accordance with 10 CFR 2.390(a)(6). (Enclosures submitted prior to this letter).

There are no new commitments contained in this submittal.

If you have any questions pertaining to the contents of the enclosure, please contact Mr. Robert Ledet, Training Manager, at (504) 739-6001. For any questions or concerns pertaining to regulatory compliance, please contact John Lewis, Regulatory Assurance Manager, at (504) 739-6028.

**This document contains confidential information
to be withheld from public disclosure per 10 CFR 2.390.
When separated from the enclosure this document is decontrolled.**

**Confidential and Personally Identifiable Information (PII) Attached
Withhold Under 10 CFR 2.390**

Respectfully,



Manager, Training & Development



Facility Reviewer

RML/RP//lb

Enclosure 1: Post Examination Results

(w/o Enclosure)

cc: NRC Region IV Operator Licensing Assistant
Jennifer.Bridges@nrc.gov

Chief Examiner, NRC Region IV Operator Licensing
Kelly.Clayton@nrc.gov

cc: (w/o Enclosure)

Waterford 3 NRR Project Manager
NRC Senior Resident Inspector, Waterford 3

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Questions asked and answers given during the 2022 NRC Written Exam

RO 24 Do I assume parameters are instantaneous? He then stated that he would assume instantaneous to answer the question. No further information was provided.

RO 44 - Stated that none of the lights are red. No further information provided.

RO 65 - Title of EN-OP-115-08 not provided in stem. Title was provided to the entire group verbally and wrote on write board.

X RO 70 - Asked, "Is this per a procedure". No further information provided.

X RO 21 - Are we getting anything about Iodine? No further information provided.

RO 83 - Is there a reference provided this question. Informed that a reference is not provided.

SRO 95 - Do you assume visual for source range is operable? No further information provided since the stem has the information required to answer the question.

RO 8 - Asked "Are we talking about that specific channel". No additional information provided.

RO 41 - Asked "Do I assume no other malfunctions except In-hold-out switch". No further information provided. Applicant stated they would only assume the switch has failed.

RO 37 - Asked "what deliverable flow means". Dictionary was accessible during the exam. No further information provided.

Question #	RO SRO Ovr	Answer	88.00	88.00	85.33	88.00	100.00	84.00	100.00	84.00	100.00	86.67	86.67	84.00	86.67	MISSED
1	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
2	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	11.1%
4	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	11.1%
6	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	11.1%
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	0.0%
8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	11.1%
9	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	11.1%
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	0.0%
11	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0.0%
12	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	11.1%
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	22.2%
15	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
16	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	33.3%
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	0.0%
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	22.2%
19	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	0.0%
21	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	22.2%
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	11.1%
23	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	11.1%
24	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	22.2%
25	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0.0%
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	11.1%
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	77.8%
28	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	22.2%
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	0.0%
30	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
31	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
32	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
33	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0.0%
34	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	0.0%
35	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	0.0%
36	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	55.6%
37	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	22.2%
38	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	11.1%
39	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	66.7%
40	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	11.1%
41	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	0.0%
42	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	22.2%
43	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	33.3%
44	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	11.1%
45	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	44.4%
46	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	55.6%
47	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	11.1%
48	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	11.1%

RO Only Avg 87.33
SRO Ovr Avg 84.80
SRO only Avg 82.40

RO Ovr 86.37

Questions asked After Grading (Post Exam Review Questions)

Question 21. (Name redacted)- He stated that the requirements given in the stem are not all of things that have to be verified. Why didn't we list them all in the stem? He was told that he was given a partial listing and choices only related to what was provided in the stem. He asked about Iodine not being mentioned and was told that Iodine was also not a choice for a distractor. The information related to iodine removal was not required to identify the correct answer from the choices given.

Question 37. (name redacted) – Questioned the logic for the pump start based on initiation of the EFW signal. A logic diagram, from the referenced lesson plan, was used to explain why the provided answer is correct. Student was satisfied with the response.

Examination Number: C24 Initial License Exam Examination Date: 3/9/22Total Number of Examinees: 9

Examination Bank Training Discipline: (Check one)

- | | | | |
|-------------------------------------|--|---|-------------------------------------|
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Maint. Fundamentals | <input type="checkbox"/> Radiation Protection | <input type="checkbox"/> ESP |
| <input type="checkbox"/> Electrical | <input checked="" type="checkbox"/> Operations | <input type="checkbox"/> GET | <input type="checkbox"/> Instructor |
| <input type="checkbox"/> I & C | <input type="checkbox"/> Operations NRC Exam | <input type="checkbox"/> Fire Brigade | <input type="checkbox"/> GFES |
| <input type="checkbox"/> Mechanical | <input type="checkbox"/> Simulator | <input type="checkbox"/> E-Plan | <input type="checkbox"/> Other |

Problem Codes:

- 1 The question is ambiguous.
- 2 The question has more than one correct answer.
- 3 The question does not have a correct answer.
- 4 The question does not represent the objectives taught.
- 5 The question is at a higher cognitive level than was taught.
6. The answer key is incorrect.
7. Not a training problem; valid question/answer
8. Other _____

Question # on Exam / in Bank	% of Trainees Missed	Problem Code	Instructor Recommendation	Supervisor Resolution	Supv. Initials
27	77.8	7	Material is covered in WLP-OPS-RMS00. No changes recommended.	CONCUR	M
36	55.6	7	WLP-OPS-PPE07 covers the material. The concept is also covered in WLP-OPS-FWC00. No changes recommended.	CONCUR	M
39	66.7	7	WLP-OPS-AIR00 and WLP-OPS-FW covers the required information to answer this question. No changes required.	CONCUR	M
46	55.6	7	WLP-OPS-FP00 and FP-001-020, provide guidance and information to answer the question. No changes recommended.	CONCUR	M
70	88.9	7	WLP-OPS-PPA00 and GET provide the knowledge required to answer this question. No changes recommended.	CONCUR	M
71	66.7	7	OI-038-000 definition. No changes recommended.	CONCUR	M
83	60 (3/5 SRO)	7	Material covered in WLP-OPS-PPO10. No changes recommended.	CONCUR	M
96	60 (3/5 SRO)	7	WPPT-OPS-PPA00, Admin. workbook, covers the required information. No changes recommended.	CONCUR	M

 Additional page(s) attached

END OF DOCUMENT

ENERGY NUCLEAR		Page 1	
E-DOC TITLE:	POST EXAMINATION ANALYSIS	E-DOC NO. TQF-201-EV02	REVISION NO. 2