

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

Operator Licensing Examination Report: 50-298/OL 90-02

Operating Licenses: DPR-46

Docket Nos.: 50-298

Licensee: Nebraska Public Power District

Facility Name: Cooper Nuclear Station (CNS)

Examination at: Cooper Nuclear Station

Chief Examiner: John L. Pellet 11/29/90
J. L. Pellet, Chief Examiner Date
Operator Licensing Section
Division of Reactor Safety

Approved by: John L. Pellet 11/29/90
J. L. Pellet, Chief Date
Operator Licensing Section
Division of Reactor Safety

Summary

NRC Administered Examinations Conducted During the Week of November 19, 1990
(NRC Report 50-298/OL 90-02)

NRC administered written and operating examinations to two Senior Reactor Operator (SRO) applicants. Both of the applicants passed all portions of the examination and have been issued the appropriate licenses.

DETAILS

1. Persons Examined

		<u>RO</u>	<u>SRO</u>	<u>Total</u>
Licensee Examinations:	Pass -	0	2	2
	Fail -	0	0	0

2. Examiners

J. L. Pellet, Chief Examiner

3. Examination Report

Performance results for individual candidates are not included in this report because examination reports are placed in the NRC Public Document Room. Individual performance results are not subject to public disclosure.

3.1 Examination Comment Resolution

In general, editorial comments or changes made as a result of facility reviews prior to the examination, during the examination, or subsequent grading reviews are not addressed by this resolution section. This section reflects resolution of substantive comments submitted to the NRC by the facility licensee after the examination. The facility licensee post-examination comments, less the supporting documentation, are included in the report immediately following the master examination key. Unless otherwise indicated in this section, the facility licensee comments were incorporated into the answer key.

3.1.1 Question 77

Facility Comment: Although the question is technically correct, request that it be deleted since neither the lesson plan nor the referenced KA supports the question as required knowledge.

Response: Request rejected. The cited reference and KA support as required knowledge limiting conditions on operation with abnormal torus levels. In addition, other KA's also support this question, for example 223001A211. The required knowledge to answer this question is recognition of the torus parameter that requires reactor scram. A general familiarity with emergency operating procedures is sufficient to supply the required knowledge. Memorization of the action is not required, so this does not represent memorization of immediate actions and therefore whether the required action is one that must be memorized is not germane.

3.2 Site Visit Summary

The facility licensee was provided a copy of the examination and answer key for the purpose of commenting on the examination content validity. The facility licensee was informed that examination results could be expected the week of December 3, 1990, if comments on the written examination could be provided by the end of the examination visit.

An exit meeting was held November 20, 1990, with the following persons in attendance:

NRC	CNS
J. Pellet	R. Brungardt
	R. Creason
	J. Dutton
	G. Lhamon
	D. Whitman

NRC expressed appreciation for the cooperation and professionalism exhibited by the control room staff during the walkthrough portion of the examination. Also, the pre-examination reviewers and simulator operator for the job performance measures conducted in the simulator were very helpful.

Because of the single operating test administered, generic comments or observations were not made. A general discussion of recent changes or issues with respect to licensed operator requalification examinations was discussed.

3.3 Master Examination and Answer Key

A master copy of the CNS license examination and answer key are attached. The answer key reflects the accepted licensee post-examination comments.

3.4 Simulation Facility Report

Because the examinations were administered without using dynamic simulator scenarios, no report is appropriate.