

JUN 19 1984

Docket No. 50-354

APPLICANT: Public Service Electric & Gas Company (PSE&G)

FACILITY: Hope Creek Generating Station

SUBJECT: SUMMARY OF LICENSEE QUALIFICATIONS BRANCH
(PERSONNEL QUALIFICATIONS SECTION) MEETING

On May 2, 1984 a meeting was held at the PSE&G Nuclear Training Center in Salem, New Jersey to discuss items resulting from the review of the Hope Creek OL application in the above subject area. A list of attendees is included as Enclosure 1 to this meeting summary.

The basis for discussion was a staff evaluation of applicant responses to Requests for Additional Information (RAI) issued during review of the application. This staff evaluation is included as Enclosure 2 to this meeting summary. The resolution or status of each item, based on this meeting, is identified in Enclosure 3.

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Enclosures: As Stated

cc: See Attached

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HOPE CREEK LQB MEETING
PSE&G NUCLEAR TRAINING CENTER
SALEM, NEW JERSEY

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EVALUATION OF RAI FOR
HOPE CREEK GENERATING STATION

DOCKET NO.: 50-354

PLANT PERSONNEL TRAINING

<u>HCGS No.</u>	<u>Comment</u>
630.3	The licensee has provided suitable references for initial and requalification training for instructors, however this response should be included in Section 13.2.
630.4	Training programs for mitigating core damage are under development. The licensee has not provided a firm completion date. The licensee has added c-h issues to 630.4 which were previously included in Question 630.5 of our RAI (Hope Creek Question 630.7). This error must be resolved.
630.5	The licensee has changed section 13.2.i and has committed to providing a requalification program to meet 10 CFR Part 50.54 (i-1). The response is not complete because it does not reference NUREG-0737.

- 630.6 The licensee has provided additional information and will modify Figure 13.2.1 in a later revision. This response is acceptable.
- 630.7 The licensee will provide a response in the April, 1984 revision. Please refer to question 630.4
- 630.8 The response does not address I.A.2.1 of NUREG-0737, therefore the response is not acceptable.
- 630.9 The licensee will provide a response in the April, 1984 revision.
- 630.10 The licensee will provide a response in the April, 1984 revision.
- 630.11 a) The Susquehanna simulator should meet Reg. Guide 1.149 or an alternate program should be developed. The response is not acceptable.
- b,c,d,e) The licensee has not given a direct answer to these questions.

630.12 The licensee will provide a response in the April, 1984
revision.

630.13 The licensee has provided an acceptable response.

630.14 The licensee has provided an acceptable response.

RESOLUTION OF HCGS PERSONNEL TRAINING
OPEN ISSUES, MAY 2, 1984

<u>HCGS No.</u>	<u>Comment</u>
630.3	The licensee has provided suitable references for initial and requalification training for instructors; however, this response should be included in Section 13.2.
<u>May 2, 1984</u>	Amendment 4 has been modified to include the initial and requalification training in Section 13.2. <u>This item is resolved.</u>
630.4	Training programs for mitigating core damage are under development. The licensee has not provided a firm completion date. The licensee has added c-h issues to 630.4 which were previously included in Question 630.5 of our RAI (Hope Creek Question 630.7). This error must be resolved.
<u>May 2, 1984</u>	In order to develop a draft SER, LQB must review at least an outline of mitigating core damage training. The proposed HCGS course in Amendment 4 will include simulator exercises; however, we require a response to include a syllabus as outlined in 0737 or INPO Guidelines.

Resolution of 630.4 The licensee will review the training modules for licensed personnel and identify elements related to mitigating core damage. Training for II.B.4. is under development. HCGS response should be completed by mid-June 1984.

The issues contained in Items c-h have been added to Question 630.7.

This item is resolved.

630.5 The licensee has changed section 13.2.1 and has committed to providing a requalification program to meet 10 CFR Part 50.54 (i-1). The response is not complete because it does not reference NUREG-0737.

May 2, 1984

The response in Amendment 4 is still incomplete because it did not respond to our original RAI.

Resolution of 630.5 The licensee will review the elements contained in the Salem Requalification Program and include these elements in the HCGS program in the FSAR. The response will include evaluation criteria and requirements for accelerated training. The licensee will submit additional information by mid-June 1984.

630.6 The licensee has provided additional information and will modify Figure 13.2.1 in a later revision. This response is acceptable.

May 2, 1984 The draft of Figure 13.2.1 contains the STA/Senior Shift Supervisor training schedule. A telephone call on 5/9/84 to R. Shaffer corrected this matter. There are two separate positions; however, STAs may or may not be licensed. Resolution of 630.6 Figure 13.2.1 will be modified.

630.7 The licensee will provide a response in the April, 1984 revision. Please refer to Question 630.4.

May 2, 1984 The licensee has included Parts c-h which was inadvertently added to 630.4.
This item is resolved.

- a) The licensee will provide additional information concerning the selection process for entry into the various training programs.
- b) The licensee will identify which courses contain HCGS specific procedures, technical specifications, and test procedures.

- c) The April 1984 draft has incorporated applicable references; however, we recommend that more specific identification be included. Example: ANSI-ANS 3.1 Section 5.2.1.3.2 for the Simulator Training Segment.
- d) The licensee has provided this information; however, further review is necessary to assure resolution to this issue.
- e-f) These segments are under development. Outlines will be submitted about mid-June 1984.
- g) The licensee expects to develop the details of the hot license program about June 1985. This will be an open item; however, this issue will not affect the draft SER.
- h) The licensee has included the details of the SS-N Training in Appendix 13 F and must be reviewed. Senior operators with previous experience will be included in this course.
Resolution of 630.7 With the exception of Item g, we should be able to evaluate the programs and provide a draft SER after the licensee provides additional information in June 1984. Figure 13.2.1 must also be reviewed to include Appendix 13 F for all senior operators.

630.8 The response does not address I.A.2.1 of NUREG-0737; therefore, the response is not acceptable.

May 2, 1984 Amendment 4 contained reference to Section 1.10 in the FSAR. Item 1.A.2.1 is addressed in this section.
This issue is resolved.

630.9 The licensee will provide a response in the April 1984 revision.

May 2, 1984 The licensee expects the initial cold license examinations will be conducted during July 1985 through January 1986. The initial set of license examinations after criticality is expected to begin in mid-1986.
This issue is resolved.

630.10 The licensee will provide a response in the April 1984 revision.

May 2, 1984 The mid-April response did not provide any information concerning the training of operations and other staff personnel contained in Figures 13.1-9 through 13.1-13.
Resolution of 630.10 The licensee has agreed to update the resumes and provide an additional Figure for 13.2 by mid-June 1984.

630.11

a) The Susquehanna simulator should meet Reg. Guide 1.149 or an alternate program should be developed. The response is not acceptable.

b,c,d,e) The licensee has not given a direct answer to these questions.

May 2, 1984

a) The Safety Evaluation Report for Susquehanna NUREG-0776, did not contain reference to Reg. Guide 1.149. However, the SER did approve the training program which included simulator training.

This item is resolved.

b) The licensee in Section 1.8.1.149 states that the HCGS will comply with Reg. Guide 1.149.

This item is resolved.

c) The licensee has stated that training exercises will include malfunctions where operators will learn to differentiate types of instrument failures from accident or transient conditions.

See comments in (d).

- d) The training program incorporates classroom and simulator training which will include generalization of responses to instrument failures and specific examples. This segment is contained in mitigation of core damage on the simulator. The licensee states that omission of kinds of instrument failures in those training sessions, if any, will not be detrimental to safe operation of the plant.

This item is not resolved; additional review of training and exercises which involve instrument failures is necessary.

- e) The licensee's simulator programs will provide training and evaluation criteria of Section 5.2.1.3.2 of ANS 3.1-1981. A statement will be inserted in Section 13.2 of the FSAR.

This item is resolved.

630.12

The licensee will provide a response in the April 1984 revision.

May 2, 1984

In the mid-April response, the licensee has provided a partial response to our RAI. The course for fire brigade

training lacks the detail contained in NUREG-0800, also, the licensee states that procedures are scheduled to be completed by January 1985.

This issue will have to be an open item.

630.13, 630.14. The licensee has provided suitable responses.

These items are resolved.

Summary of Hope Creek Personnel Training
Open Issues Meeting of May 2, 1984

630.3 Resolved

630.4 a) The licensee will respond by mid-June, 1984.

b) Items c-h have been added to 630.7. Resolved

630.5 The licensee will respond by mid-June, 1984.

630.6 Training for STAs is resolved. Figure 13.2.1 must be modified to identify STA Training.

630.7 The licensee will respond by mid-June, 1984. Figure 13.2.1 must be modified for senior operators. Item 630.7(g), hot license program, will probably be an open item.

630.8 Resolved

630.9 Resolved

630.10 The licensee will respond by mid-June, 1984.

630.11 All items except 630.11(c&d) are resolved. 630.11(c&d) requires review of simulator instrumentation malfunctions.

630.12 Fire Brigade Training will be completed by January 1985. Therefore, it will be an open item in the draft SER.

630.13 Resolved

630.14 Resolved