Docket No.: 50-311

MEMORANDUM FOR:

Darrell G. Eisenhut, Director

Division of Licensing

FROM:

R. L. Tedesco, Assistant Director for Licensing, DL

T. Novak, Assistant Director for Operating Reactors, DL

SUBJECT:

TRANSFER OF THE SALEM NUCLEAR GENERATING STATION, UNIT 2 TO

OPERATING REACTORS BRANCH NO. 1

Effective on the date of this memorandum the project management responsibility for the Salem Nuclear Generating Station, Unit 2 is transferred from Licensing Branch No. 3 to Operating Reactors Branch No. 1, of the Division of Licensing. This will permit both Salem 1 and Salem 2 to be under the same management responsibility. The Salem 2 Project Manager (Gary Meyer) will be the Project Manager for both Salem 1 and 2.

The licensee, Public Service Electric and Gas Company (PSE&G), received a license (DPR-75) on April 18, 1980, which authorized Unit 2 to load fuel and perform low power testing at power levels not exceeding five percent.

A chronology and brief description of the Amendments to the fuel loading and low power testing license with the date of authorization of each is presented below.

Amendment No.	Date of Issue	Description Suspended certain technical specification limitations during the performance of individual full length rod testing and rod position indication system calibration.			
1	June 11, 1980				
2	August 22, 1980	uthorized Unit 2 to perform pecial low power test program.			
3	October 10, 1980	Deleted a requirement to plug certain steam generator tubes, approved a change to the Radiation			
8108170064 810805 PDR ADDCK 05000311 PDR		Protection Department and revised the technical specifications concerning High Radiation Areas.			
4	December 8, 1980	Approved an organizational change to the Salem operation and support			
CE)		statrs.			

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Extended the terminal date for the license for Fuel Loading and Low Power Testing.

On May 20, 1981, the license for fuel loading and low power testing was superceded by Facility Operating License DPR-75. Facility Operating License DPR-75 authorized PSE&G to operate Salem Unit 2 at 100 percent power. However, prior to operating at this power level PSE&G was required to complete certain outstanding actions as described below.

Prior to operating above 5 percent power, PSE&G was required to:

- 1. Complete the training portion of the Special Low Power Test Program;
- 2. Resolve deficiencies in the SMII-6 Open Items list.
- 3. Take specific corrective fire protection actions in accordance with an on-site review of the Fire Protection program;
- 4. Complete additional testing required by IE Bulletin 80-06 and correct reset actions for two sets of valves;
- 5. Train control room operators in the recognition and mitigation of LPI performance degradation;
- 6. Submit requested information on Category I Masonary Walls, and
- 7. Resolve an issue concerning time available for operator action to prevent auxiliary feedwater pump damage.

Items 1 thru 5 were verified as completed by the I&E Resident Inspector at Salem 2. The Salem 2 LPM verified the receipt of the information required by item 6. By letter dated June 12, 1981 we informed PSE&G that we had reviewed the information submitted for item 7 and considered this matter resolved.

Additionally, the following outstanding actions subjected to license conditions have been completed.

- 1. Prior to exceeding 90 percent power PSE&G is required to perform a Waterhammer test. The procedures for this test required NRC approval. By letter dated June 25, 1981, we advised PSE&G of our approval of their procedure.
- 2. The I&E Resident Inspector has verified that PSE&G established regularly scheduled eight-hour shifts by June 3, 1981.
- 3. By letter dated June 30, 1981, PSE&G submitted meteorological information. This information was required by July 1, 1981.

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D. G. Eisenhut

- 4. By letter dated June 30, 1981, PSE&G reported leak rate measurements for those systems in which leakage is measured during shutdown.
- 5. By letter dated June 30, 1981, PSE&G submitted procedural guidelines for and a description of the RCS vents. This information was required by July 1, 1981.
- 6. PSE&G has reduced its containment setpoint pressure to 4.0 psig. This action has been verified by the I&E Resident Inspector. A SER approving this as the minimum setpoint compatible with normal operating conditions has been prepared and approved by CSB; and forwarded to DL.
- 7. PSE&G has installed a high radiation isolation signal on the containment purge and vent isolation valves. This action, required by July 1, 1981, was verified by the I&E Resident Inspector.
- 8. PSE&G has installed the required containment water level monitoring instrumentation. This action, required by July 1, 1981, was verified by the I&E Resident Inspector.

By letter dated July 1, 1981, we received a request for Amendment to Facility License DPR-75. This request is related to license condition 2.C.(25)(e), "Relief, Safety and Block Valve Test Requirements." PSE&G was required to submit a report based on an EPRI generic test program by July 1, 1981. The EPRI test program is not complete and hence PSE&G is unable to complete their report. A license amendment is being prepared to establish a new schedule for this submittal.

By telephone on July 7, 1981 we were alerted to a potential problem related to license condition 2.C(10). PSE&G is required to: (1) review its fire interaction analysis any correct and additional deficiencies by July 31, 1981; (2) complete final engineering verification of its fire protection analysis by July 15, 1981; and (3) complete all required cable wrapping by July 31, 1981. PSE&G may be unable to satisfy this schedule and is looking for a two week extension. They were requested to submit a letter stating the current status of their program, providing justification for an extension, and requesting a license amendment. By letter dated July 10, 1981 (received July 14, 1981), PSE&G submitted a license change request for this schedule revision. As a result, Amendment 1 to the Facility Operating License, No. DPR-75, was issued on July 20, 1981.

By letter dated June 16, 1981 PSE&G has requested a license amendment to change the Technical Specifications pertaining to the emergency safety features actuation instrumentation system, Undervoltage Protection. This request is related to license condition 2.C(15)(4) which requires PSE&G to install a second level of undervoltage protection for the emergency buses by the end of the first refueling outage. Since the equipment modifications are not installed we notified PSE&G by letter dated July 9, 1981, that we have deferred final action on this amendment request until the modifications are complete.

The above paragraphs discuss the Salem Unit 2 license conditions which have been the subject of staff activities since the license was issued. The status of the license conditions which have not required staff action since license issuance remains as stated in SER Supplements 4, 5, and 6. References to the applicable sections of these Supplements are listed in the license for each condition.

By letter dated July 7, 1981, PSE&G requested a temporary exemption from the Prompt Notification System requirements of 10 CFR 50, Appendix E. Due to procurement problems PSE&G states it will be unable to complete the final installation until October 1, 1981. I&E is currently reviewing this request.

By letter dated March 19, 1981, PSE&G requested four exemptions from III.G. of Appendix R to 10 CFR Part 50. CEB has completed its review of this submittal and recommends that two of the requests be accepted and that two be denied. This issue is being resolved jointly between G. Meyer and W. Ross as it applies to both Units 1 and 2. A meeting with PSE&G was conducted on July 23, 1981, to discuss this subject. PSE&G has committed to providing additional information to support exemptions for specific areas in the plant.

For Salem 2 there are currently three active multi-plant actions. The status of these items is as follows:

- Seismic Qualification of the Auxiliary Feedwater System (TAC 43674) Generic letter 81-14 was issued February 10, 1981. This letter requested that responses be provided within 120 days. After the deadline had passed with no response it was determined that the utility had no record of this letter. Hence, we forwarded an additional copy of this letter and extended the response deadline until October 1981.
- 2) Station Blackout Procedures and Training (TAC 43949) Generic letter 81-04 was issued February 25, 1981. This letter
 requested that an assessment of the capability of the plant procedures
 and training program at Salem to mitigate a station blackout event.
 By letter dated June 3, 1981, PSE&G requested an extension until
 September 1, 1981 for submittal of this information. This extension
 was denied by letter dated July 3, 1981, and PSE&G was requested to
 promptly reply.
- A Safety Evaluation for the Environmental qualification of safety related electrical equipment at Salem Unit 2 was issued May 28, 1981. Salem Unit 2 had no equipment which was identified as requiring immediate corrective action. The safety evaluation requires PSE&G to supply additional information within 90 days of receipt of the letter. This response is due in accordance with the operating license on or before August 27, 1981.

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There are no uncompleted environmental tasks associated with this Unit.

By copy of this memo, NRR, OIE, MPA, OELD, Records Facility Branch, ADM Public Affairs, Docketing and Service Branch, and SECY are being notified of the following personnel changes which are to be effective on the date of this memorandum.

FROM

Project Manager Branch Chief G. C. Meyer (LB#3)

F. Hiraglia R. Tedesco

Assistant Director Licensing Assistant

J. Lee

G. C. Meyer (ORB#1)

T)

S. Varga T. Novak

C. Parrish

Robert L. Tedesco, Assistant Director for Licensing Division of Licensing

T. Novak, Assistant Director for Operating Reactors Division of Licensing

Approved:

Darrell G. Eisenhut, Director Division of Licensing

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