



Docket No. 50-272

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LICENSEE: Public Service Electric and Gas Company

FACILITY: Salem No. 1

SUMMARY OF MEETING HELD ON FEBRUARY 5, 1981 WITH LICENSEE TO DISCUSS IMPLEMENTATION OF FIRE PROTECTION PROGRAM

Representatives of the staff and the licensee met to discuss the status of implementation of requirements listed in the Fire Protection SER for Salem 1 and to clarify certain requirements of Appendix R to 10 CFR 50. A list of attendees is enclosed.

A. Fire Protection SER Items

The licensee reported that, with the installation of fire dampers in ventilation ducts and completion of the onsite radio network, all action items have been completed except for those associated with the alternate shutdown system. The remaining work will be completed in March 1981.

B. Implementation of Appendix R

Two of the three back-fit requirements (emergency lighting and oil collector) have been installed.

Clarification of the requirements in §IIIG (Fire Protection Safe Shutdown Capability) of Appendix R was requested by the licensee and was the major item of discussion at the meeting. The licensee's position was that the requirements of this section were too restrictive and did not take into account specific plant design. The following items were covered related to §IIIG.2:

- (1) The staff advised the licensee that exceptions from these requirements will be accepted for review within certain limitations. Implementation schedule changes will not be readily granted. Coating of cables will not be accepted as 1-hour fire barriers. The use of 1.5-hour damper fire barriers has been accepted previously but will require exemption from the 3-hour requirement of Appendix R.

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OFFICE ▶	3/26/81						
SURNAME ▶	<i>WGR</i>						
DATE ▶							

- (2) The licensee should identify and justify the use of material as a "radiant energy shield" inside containment. The staff considers such a shield to be a barrier that (a) has a rating less than one hour, (b) needs not have an E-19 rating, (c) can be constructed from such non-combustible material as marinite board (but not plywood), and (d) is useful to separate components in an area where the ceiling is relatively high.
- (3) Appendix R allows the use of "equivalent" material for fire barriers. The staff will review the licensee's documented proposal to substitute another material for "Kaowool" as a 1-hour fire barrier. Such material does not need UL approval. (The licensee subsequently provided a report "Cable Tray Fire Test - 3M Fire Barrier System" for review and the use of this material has been approved by the staff, cf letter from Tedesco to Mitl 3/18/81).
- (4) The staff agreed that Regulatory Guide 1.72 (Physical Independence of Electric Systems) should be interpreted to permit the use of overcurrent protective devices as isolation devices on associated circuits if acceptable breaker coordination can be achieved.

The licensee advised the staff that all of its questions related to implementation of Appendix R had been resolved and exemptions from certain requirements would probably be requested by March 19, 1981.

ORIGINAL SIGNED

William J. Ross, Project Manager
 Operating Reactors Branch #1
 Division of Licensing

Enclosure:
 List of Attendees

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cc

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DATE	3/26/81	3/26/81					

Pocket



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 27, 1981

Docket No. 50-272

LICENSEE: Public Service Electric and Gas Company

FACILITY: Salem No. 1

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IMPLEMENTATION OF FIRE PROTECTION PROGRAM

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William J. Ross

William J. Ross, Project Manager
Operating Reactors Branch #1
Division of Licensing

Enclosure:
List of Attendees

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