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MAY 09 1980

MEMORANDUM FOR: Steven Varga, Chief
Operating Projects Branch #1
Division of Project Management

FROM: V. Benaroya, Chief
Chemical Engineering Branch
Division of Engineering

SUBJECT: TROJAN NUCLEAR PLANT: OPEN FIRE PROTECTION ITEMS
(TAC 11073)

By letter dated April 14, 1980, the Portland General Electric Company, provided information regarding two specific fire protection modifications identified as "open" in the Trojan Fire Protection SER. We have completed our review and it is presented below:

Item 3.2.2 - Cable Tray Tests

In the SER, we expressed a concern for separation of redundant equipment and cabling in the switch gear room. The licensee proposed to install a three-hour fire rated wall to separate Train A and Train B equipment in the area. We have reviewed this proposal and determined that an appropriate design basis has been selected.

Based on our evaluation, we conclude that the installation of the three-hour fire rated wall in the switch gear room will preclude the possibility of a fire affecting redundant equipment and, therefore, it is acceptable.

Item 3.2.6 - Containment Fire Suppression

The licensee had committed to a RCP oil collection system, however, we were concerned as to whether this system would be designed for leaks and/or dropping of system components during an SSE. The licensee responded to this concern by stating that the oil collection system will be seismically supported and sized for the largest oil leak that could occur during the SSE. We have reviewed this proposal and are satisfied that an appropriate design basis has been selected.

Based on our evaluation, we conclude that the installation of a seismically designed RCP oil collection system meets our fire protection guidelines, and, it is, therefore, acceptable.

The licensee had previously committed to installing a remote shutdown system for the cable spreading room. However, the licensee in their letter of April 14, also requested that we re-review the necessity for requiring a remote shutdown system for the cable spreading room if a special automatic fire suppression system were installed. We reviewed this request and determined

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that their latest approach was conceptually not acceptable. The Project Manager on May 2 informed the licensee of this conclusion by telephone. The licensee indicated that they would stay with their original commitment for the time being.

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