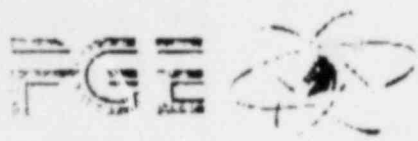


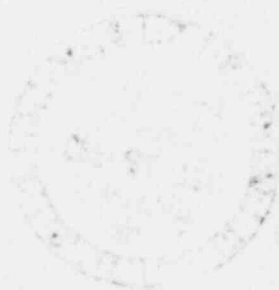
POOR ORIGINAL



Part of General Electric Company
Trojan Nuclear Plant
P.O. Box 439
Bend, Oregon 97048
503 556-3711

December 15, 1980
CPY-1180-80

Mr. R. H. Engelsen, Director
US Nuclear Regulatory Commission, Region V
1990 North California Blvd.
Walnut Creek, CA 94596



Dear Sir:

SUBJECT: Fire Suppression System Special Report

This letter is to confirm and follow up an immediate report made by Mr. R. H. Budzeck, Shift Supervisor, Trojan Nuclear Plant, to Mr. M. H. Malmros, US NRC Resident Inspector, at 5:15 pm, Friday, December 12, 1980. A leak occurred in the fire system yard loop header at 4:30 pm, which resulted in part of the fire suppression system being inoperable.

The leak was caused by expansion joint slippage on a fire hydrant which was exposed during excavation for the Technical Support Center. Both the motor and diesel driven fire pumps started automatically and operated satisfactorily. Fire system header pressure was maintained at 100 psig or greater during the period of time the break existed.

Operations personnel isolated the appropriate section of the header by closing valves PIV4, PIV5, and PIV12. The portions of the system affected by the isolation of this section were:

- Unit main and auxiliary transformers, deluge #1, 2, 3, 4, 5,
- Emergency diesel generator room, sprinkler systems A and B, and
- Steam generator feed pump lube oil reservoirs, deluge #7 and 8.

A firewatch was immediately stationed in the emergency diesel generator room. Fire hoses were run from operable hose stations to the areas of the unit main and auxiliary transformers and feed pump lube oil reservoirs.

The pipe was repaired, tested and returned to service by 8:40 pm the same day.

A break on this section of piping occurred on December 11, 1980 (refer to our letter CPY-1173-80). To prevent this problem from recurring, Engineering is working on a design to relocate the affected fire hydrant.

Sincerely,

C. P. Yundt
C. P. Yundt
General Manager

11/15/80
80-325

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POOR QUALITY PAGES