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SUBJECT: Special rept: on 881102, fire barrier penetration seal inoperable for more than 7 day limit of Tech Spec.

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Robinson File No: 13510H

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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
SPECIAL REPORT ON A FIRE BARRIER PENETRATION SEAL

Gentlemen:

A fire barrier penetration seal, spare blackout SP 2817 FB in the wall between the Auxiliary Feedwater Pump Room and the Auxiliary Building hallway, was inoperable for four hours and 55 minutes beyond the seven day limit of Plant Technical Specifications. Therefore, this Special Report is submitted within 30 days outlining the action taken and the cause of the inoperable penetration as required by Plant Technical Specifications 3.14.7.2.c and 6.9.3.1.d.

At 1530 hours, Wednesday, November 2, 1988, while drilling a hole for a seismic baseplate anchor bolt, a concrete block blackout was inadvertently breached, leaving a hole 9-inch by 24 1/2-inch by 12-inch. The licensee stopped work to determine the scope and size of the hole and found that it was a part of a spare penetration blackout. A steel plate was then installed on one side of the hole, as a temporary seal.

The spare blackout is a 24 1/2-inch by 48-inch by 12-inch thick blackout containing concrete block with grout over the face on both sides. It is located in a 12-inch thick wall separating the Auxiliary Feedwater Pump Room from the Auxiliary Building hallway. Both zones are in 10CFR50, Appendix R Fire Area A.

The licensee repaired the penetration in accordance with Plant Corrective Maintenance procedure CM-621 and Engineering Evaluation 88-150 using Dow Corning 3-6548 RTV foam. On final inspection, however, a small void was noted in a corner section of the seal. The licensee then sealed the void and, upon satisfactory final inspection, declared SP 2817 FB operable at 2025 hours, Wednesday, November 9, 1988, four hours and 55 minutes beyond the seven day limit of Plant Technical Specifications.

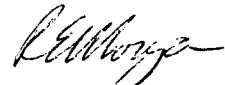
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Fire barrier penetration seals are a passive element in the facility fire protection program designed to minimize the possibility of a single fire rapidly involving several areas of the facility prior to detection and extinguishment. During the time the penetration was inoperable, verification of fire detection system operability insured that prompt detection capability existed on both sides of the barrier.

If you have any question, please contact my staff.

Very truly yours,



R. E. Morgan  
General Manager  
H. B. Robinson S. E. Plant

DAS:jch

cc: Mr. M. L. Ernst  
Mr. L. W. Garner  
INPO