

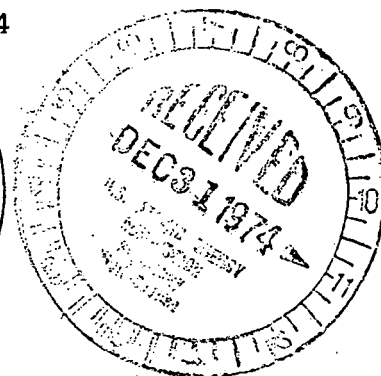
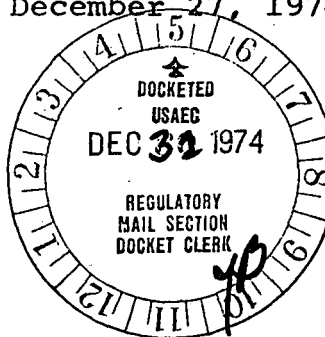


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Regulatory Docket File

December 27, 1974

Mr. Edson G. Case
Acting Director
Directorate of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, D.C. 20545



Subject: Dresden Station Units 2 & 3
Quad-Cities Station Units 1 & 2
Reactor Water Recirculation System
Four (4) Inch Diameter Piping
AEC DKTS. 50-237, 50-248, 50-254 and 50-265

Dear Mr. Case:

Since my letter to you dated October 21, 1974 concerning the subject, additional cracks have been discovered in the reactor water recirculation pump discharge valve 4 inch diameter bypass piping at Dresden Unit 2 and Quad-Cities Unit 2. As a result it has been decided to replace the 4-inch diameter recirculation system bypass piping at all four (4) units. The piping will be replaced on the following schedules:

Dresden Unit 2 - Current Outage
Dresden Unit 3 - Spring 1975 Refueling Outage
Quad-Cities Unit 1 - Fall 1975 Refueling Outage
Quad-Cities Unit 2 - Current Outage

Prior to replacing the piping at Dresden Unit 3 and Quad-Cities Unit 1 an augmented surveillance program will be instituted. The program will include the following surveillance during operation.

1. The primary containment floor drain and equipment drain sumps will be pumped once per shift to determine promptly any increases in input flows.
2. Sampling of the containment atmosphere for air activity at a point near each recirculation pump header will be conducted daily.

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3. The recorder which charts the reading of the primary containment continuous air monitor sampler shall be reviewed once per shift to determine increases in air sample activity.
4. The results of the daily primary containment air activity samples will be recorded and sent to the Division Manager - Nuclear Stations every Monday morning.

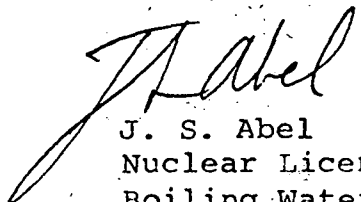
The program will also include the following inspections.

1. Quad-Cities Unit 1 will be removed from service for inspection January 10, 1975 and Dresden Unit 3 will be removed from service for inspection January 17, 1975. These inspections will involve ultrasonic examination of the area of the weld between the 4-inch diameter bypass piping and the 4 x 22-inch Weld-o-let. The four welds on each Unit will be inspected.
2. Until the fall 1975 refueling outage Quad-Cities Unit 1 will be reinspected as described in item 1 at least every 90 days. Dresden Unit 3 will receive no further inspection prior to the spring 1975 outage.

If during these inspections any significant indications are discovered in the area of the piping to Weld-o-let weld, which can not be isolated from the reactor, the piping between the Weld-o-let and the 4-inch bypass valve will be replaced before return to service.

The effort to prepare a final report which identifies the cause or causes for the cracking and corrective measures is continuing with a completion date of January, 1975. As significant new information becomes available, we will continue to keep you informed of the status.

Very truly yours,


J. S. Abel
Nuclear Licensing Administrator
Boiling Water Reactors