

CAUSE DESCRIPTION (continued)

1/4 inch long at the O.D. and 2 inches long at the I.D., running circumferentially. Two axial cracks between 1/2 inch and 1 inch in length were also found on the I.D. surface, emanating from the safe-end-to-pipe weld. Analysis of these cracks has not yet been completed. An update report will be submitted when results become available.

The cracked safe-end was manufactured from SA-182 F316 stainless steel and was unclad. The safe-end had been furnace-sensitized during manufacture. The replacement safe-end will be either SA-182 F316L stainless steel or SA-105 carbon steel.



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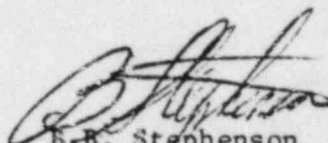
BBS Ltr. #76-290

April 7, 1976



Mr. James G. Keppler, Regional Director
Directorate of Regulatory Operations - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Enclosed please find Reportable Occurrence number 50-237/1976-16. This report is being submitted to your office in accordance with the Dresden Nuclear Power Station Technical Specifications, Section 6.6.B.


E.B. Stephenson
Superintendent

BBS:aw

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
File/NRC

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