

21 June 1979

Mr. Boyce H. Grier  
Directorate of Regulatory Operations  
Region I  
Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Operating License DPR-50  
Docket 50-289

Subject: Reportable Occurrence No. 79-13/1P

Dear Mr. Grier:

This telegram is to confirm the telecon between Mr. Don Haverkamp, Region I, NRC and J. L. Seelinger, Unit I Superintendent at 1230 on June 21, 1979.

While performing ultrasonic examinations of Decay Heat System piping on June 20, 1979, as an investigative follow-up to LER #79-11/3L, leakage was discovered on the 10 inch suction piping from the Borated Water Storage Tank between valves DH-V5A/B and MU-V14A/B. Cracking was confirmed by ultrasonic examination to be in the heat affected zone adjacent to the pipe weld and was estimated to extend over a total of about 6 inches of the circumference. The failure of this piping is considered to be reportable by Technical Specification 6.9.2.A(9).

The leaking pipe was 10 inch Schedule 40S piping of Type 304 stainless steel. Because of the similarity of piping material and system environment to the Spent Fuel Cooling System piping which was metallurgically analyzed, it is suspected that intergranular stress corrosion cracking produced by residual weld stresses is the cause of this failure.

Further inspections and examinations are required to determine the extent of repairs necessary prior to plant startup.

Leakage observed was minor weepage, and this resulted in no release to the public.

Further details will be provided in the followup report

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Very truly yours,

*J. L. Seelinger*  
J. L. SEELINGER  
Unit I Superintendent

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