

September 26, 1988

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-88-61

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region II staff on this date.

FACILITY: Virginia Electric & Power Company
Surry Unit 2
Docket Nos. 50-281
Surry, Virginia

Licensee Emergency Classification:
☐ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☒ Not Applicable

SUBJECT: MAIN FEEDWATER PIPE WALL THINNING

During the week of September 19, 1988, Virginia Electric and Power Company (VEPCO) identified some pipe wall thinning in their Unit 2 main feedwater piping at the Surry Nuclear Station. VEPCO was inspecting the piping on a periodic sampling basis to detect such piping degradation. Main feedwater piping failed in December 1986 at the Surry site from erosion/corrosion. The wall thickness found during this week was not below code minimum, but was of a higher erosion/corrosion rate than anticipated. This pipe thinning was on the suction side of the main feed pumps.

On or about September 26, 1988, VEPCO personnel identified main feedwater piping below minimum code requirements for acceptability. These degraded sections were adjacent to a steam generator within containment. These sections of piping had been inspected during the previous outage. Unit 1, which had been in a similar outage in the spring, had the similar sections inspected on one generator with no unexpected thinning. The NRC had been kept abreast of the inspection findings.

The unit is shutdown for a refueling outage.

Routine follow-up will be conducted.

The Commonwealth of Virginia has been informed.

This PN is being issued for information purposes only.

This information is current as of 3:00 p.m. on September 26, 1988

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PDR I&E
PNO-II-88-061 PNU

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5520: 09/ /88 @ 0400 TO REGIONS AND HQ
