

PRELIMINARY NOTIFICATION

February 27, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-80-34

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by ILL staff as of this date

FACILITY: Virginia Electric and Power Company
North Anna Unit 1
Docket No. 50-336
Mineral, Virginia

SUBJECT: LIQUID SPILL FROM RWST AT NORTH ANNA

At approximately 3:00 p.m. on February 26, 1980, a small leak was observed from the Reactor Water Storage Tank (RWST) cooling system. A temporary carbon steel pressure gauge had deteriorated. The licensee estimated 270 gallons of water was released contaminating approximately 150 square feet of ground. Radiochemical analysis has shown Co^{58} ($1.29 \text{ E-5 } \mu\text{Ci/ml}$), Co^{60} ($2.28 \text{ E-5 } \mu\text{Ci/ml}$), Mn^{54} ($3.9 \text{ E-6 } \mu\text{Ci/ml}$), Cs^{134} ($1.35 \text{ E-6 } \mu\text{Ci/ml}$), and Cs^{137} ($1.33 \text{ E-6 } \mu\text{Ci/ml}$) as the predominant isotopes.

The licensee has sampled the storm drain system, the discharge canal, and has detected no release of activity to the environment. The contaminated rock and gravel are being dug up, packaged, and will be shipped offsite for burial.

The Commonwealth of Virginia was notified. Media interest is possible, but not expected. Neither the NRC nor the licensee plans a news release.

Region II (Atlanta) received notification of this occurrence by telephone from the resident inspector at 11:00 a.m. on February 27. This information is current as of 12:00 Noon on February 27.

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