PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IV-96-061

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 Region IV staff in Arlington, Texas on this date.

Facility	Licensee Emergency Classification
Entergy Operations, Inc.	Notification of Unusual Event
Arkansas Nuclear 2	Alert
Russelville,Arkansas	Site Area Emergency
Dockets: 50-368	General Emergency
	X Not Applicable

Subject: PLANT SHUTDOWN FOR SMALL STEAM GENERATOR TUBE LEAK

On November 16, 1996, at 8:04 p.m., Arkansas Nuclear One (ANO) Unit 2 began a power reduction and reactor shutdown. The licensee initiated this shutdown because of a steam generator tube leak. At 12:46 a.m., on November 18, the licensee reached Mode 5.

The licensee initially detected the leak two days earlier and had been monitoring the leak rate. On November 16, 1996, the leak rate increased to an estimated 40-60 gallons/day and the licensee decided to shut down the unit. Plant Technical Specifications limit one steam generator leakage to 720 gallons/day. No radioactive material was released to the environment as a result of this leak.

The licensee plans to conduct inspections to locate, characterize, and repair the leaking tube. Additional actions may be required depending on the results of the inspection. Region IV resident inspectors are monitoring licensee activities. A conference call is planned for November 20, to discuss with the licensee their inspection strategy.

The state of Arkansas has been informed.

The licensee plans to issue a press release.

Region IV received notification of this occurrence from the licensee on November 16, 1996. Region IV has informed the EDO Region IV Coordinator, NRR, and Public Affairs.

The information herein has been discussed with the licensee and is current as of 12:30 p.m. on November 18.

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