

September 15, 1982

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-82-101

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 IE staff on this date.

FACILITY: Tennessee Valley Authority
Sequoyah Unit 1
Docket No. 50-327
Soddy-Daisy, Tennessee

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

SUBJECT: REACTOR COOLANT PUMP SEAL LEAK

At 8:47 p.m. (CDT), on September 14, approximately 3000 gallons of reactor coolant was leaked through a coolant pump seal onto the Unit 1 containment building floor.

The plant was shut down on September 11 for refueling and was in cold shutdown at a reactor coolant system (RCS) pressure of 140 psig and a temperature of 134°F. The spill occurred when the reactor coolant pump (RCP) seal failed to seat while performing maintenance on the #4 RCP.

An alert was declared at 9:44 p.m. (CDT) and the leak was stopped at 9:46 p.m. (CDT). The alert was downgraded to an unusual event at 10:05 (CDT). The unusual event was cancelled at 11:56 p.m. (CDT).

There was no personnel contamination or overexposure and no off-site release.

The Resident Inspector was notified and arrived in the control room during the event. A Region II supervisor and a radiation specialist are being dispatched to the site to review circumstances involved in the event and the adequacy of the licensee's response and corrective action.

Media interest has occurred. The licensee is responding to media inquiries. The NRC is responding to media inquiries.

The State of Tennessee has been informed.

Region II (Atlanta) received notification of this occurrence by telephone from the Headquarters Duty Officer at 9:44 p.m. (CDT) on September 14.

This information is current as of 9:00 a.m. on September 15.

Contact: R. Crlenjak, RII 242-5576; D. M. Verrelli, RII 242-5581

DISTRIBUTION:

H. St.	NMBB	Phillips	10:21 E/W	Willste	Landow
Chairman Palladino	EDO	NRR	IE	NMSS	OIA
Comm. Gilinsky	AEOD			RES	
Comm. Bradford	PA	Air Rights			MAIL:
Comm. Ahearne	MPA	SP		INPO	IE:TAS
Comm. Roberts	ELD			NSAC	ADM:Doc. Mgt. Br
ACRS	Applicable Resident Site		10:34		NSOC: S. Ebbins

IE34

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Regional Offices
Applicable Utility 10.40