

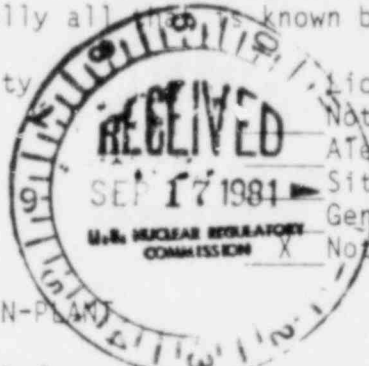
September 11, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-81-72

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 as known by IE staff on this date.

FACILITY: Tennessee Valley Authority
Sequoyah 2
Docket No. 50-328

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



SUBJECT: RADIOACTIVE GAS RELEASE IN-PLANT

At 3:00 a.m. on September 10, a leak from the waste gas system gas analyzer piping in a piping tunnel was detected by increases in the count rate on local instruments. Airborne activity levels in the area were 39xMPC. The principal isotopes were xenon-133 and -135. Rubidium-88 was less than MPC. No environmental releases occurred as indicated by the auxiliary building exhaust monitor.

Approximately 55 persons showed minor contamination on their clothing. The contamination decayed off within thirty minutes. Whole body counts showed no internal deposition. The airborne activity had decayed to less than 25% of MPC by 9:00 a.m. Normal access to the building was resumed at 2:00 p.m.

This event involved no off-site releases or significant personnel exposures. This PN is issued for information because of media interest. The NRC does not plan to issue a press release. TVA placed this information on their recorded public affairs telephone information line.

The State of Tennessee has been informed.

Region II (Atlanta) received notification of this occurrence by telephone from the resident inspector at 10:00 a.m. on September 10. This information is current as of 2:00 p.m. on September 10.

Contact: G. L. Troup, RII 242-4664

DISTRIBUTION:

H. St. _____	NMBB _____	Phillips <u>10:25</u> 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-T
Comm. Roberts	ELD		NSAC _____	ADM: Doc. Mgt. Br
ACRS	Applicable Resident Site	<u>10:32</u>		NSOC: S. Ebbins
SECY	Regional Offices			
CA	Applicable Utility	11:20		

IE34
S/10

PN NO. II-81-72

DATE: Sept. 11, 1981

PRELIMINARY NOTIFICATION (PN) DISTRIBUTION

INTERNAL REGION II DISTRIBUTION

- _____ Regional Director
- _____ Deputy Regional Director
- _____ Assistant to Director
- _____ Public Affairs Officer
- _____ Director, EPOS
- _____ Director, ETI
- _____ Director, RRPI
- _____ Emergency Preparedness Section Chief
- _____ General File (SSINS No. 6810)
- _____ Admin Services Coordinators: EPOS, RRPI, ETI
- _____ State Liaison Officer