

July 05, 1991

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-91-42

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 Power Company
North Anna Unit 1
Docket No. 50-338

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

SUBJECT: UNPLANNED SHUTDOWN IN EXCESS OF 72 HOURS

At 4:06 a.m. on July 5, 1991, the licensee commenced a rampdown from rated power in an effort to stabilize main condenser vacuum. Control room personnel had previously noticed that condenser vacuum was decreasing. Vacuum levels appeared to stabilize at 24 percent power, and power was maintained at that level while the situation was evaluated. It was determined that air inleakage was coming through the steam inlet expansion joint on the "A" condenser section. (The steam inlet expansion joint is a rubber belt type joint designed to provide for small lateral and axial motions between the low pressure turbine and the main condenser.) The licensee subsequently decided to take the unit to cold shutdown to repair the expansion joint and replace seals in the "C" reactor coolant pump. Leakoff flow from the pump's No. 1 seal had been lower than normal and the licensee had been monitoring this condition for several weeks. The Unit 1 main generator was disconnected from the grid at 9:30 a.m. on July 5, 1991. Modes 2 and 3 were entered at 9:38 a.m. and 9:48 a.m., respectively, on July 5. The licensee currently expects this outage to last approximately 11 days. The licensee currently plans to issue no press release. The resident inspectors are following these events.

The State of Virginia was not informed.

The NRC Senior Resident Inspector received initial notification of this event by telephone from the licensee at about 4:00 a.m. (EDT) on July 5, 1991.

This information is current as of 2:00 p.m. on July 5, 1991.

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DISTRIBUTION: 9107160225 910705
PDR I&E
PNO-II-91-042 PDR

One White	M'land Nat'l	Regions	<u>MAIL TO:</u> DCS (Original IE 34)
Flint North	Bank Bldg	Region I	DOT (Transportation Only)
Chairman Carr	IRM	Region II	<u>FAX TO:</u> INPO - 4:16
Comm. Rogers	OIG	Region III	LICENSEE (Corporate) 4:18
Comm. Curtiss	AEOD	Region IV	RII Resident - 4:10
Comm. Remick	NRC Ops Ctr	Region V	G. Lainas, NRR
OGC			
OCA			
GPA/SLITP/PA	Nicholson Lane	Phillips Bldg	
EDO	RES	ACRS	
NRR			
NMSS	L Street	EWV	
OE	PDR	ASLAP	

DMB
AMS
IB

5520: 7/05/91 @ 3:31 p.m. TO REGIONS AND HQ
