

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 staff on this date. 687

Facility: Consumers Power Company
Palisades Nuclear Plant
Covert, MI 49043
Docket No: 50-255

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

Subject: SHUTDOWN DUE TO EXCESSIVE PRIMARY COOLANT SYSTEM LEAKAGE

At 3:45 a.m. (EDT), on August 10, 1984, the licensee declared an "unusual event" when unidentified leakage in the primary coolant system exceeded the technical specification limit of 1 gallon per minute. Tests determined the leak rate to be 1.447 gpm.

Initial inspection identified leakage from or around valve MV-1019A (a three-quarter inch pressure sensing line isolation valve). Subsequent investigation revealed that the leak was from a weld inboard of the isolation valve and that the weld was cracked for approximately one-third of its circumference.

The unit reached cold shutdown at about 8 a.m. (EDT), August 11, 1984. The "unusual event" was terminated at 2:10 a.m. (EDT), August 11, 1984.

The licensee plans to cut out the affected piping and weld for analysis and replace it with new piping. Unit startup is currently scheduled on or about August 16, 1984.

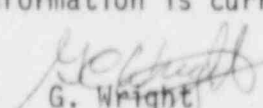
There was no release of radioactivity outside containment.

The Senior Resident Inspector and Region III monitored the licensee's course of action during the event. Region III will continue to monitor the licensee's corrective action.

The State of Michigan will be notified.

The Headquarters duty officer was informed of this event at 4:45 a.m. (EDT), August 10, 1984. This information is current as of 10 a.m. (CDT), August 13, 1984.

CONTACT:


G. Wright
FTS 388-5695


W. Shafer
FTS 388-5656

DISTRIBUTION:

H. St. <u>11:42</u>	MNBB <u>12:18</u>	Phillips <u>12:29</u>	E/W <u>11:40</u>	Willste <u>12:35</u>
Chairman Palladino	EDO	NRR	IE	NMSS
Comm. Roberts	PA		OIA	RES
Comm. Asselstine	MPA		AEOD	
Comm. Bernthal	ELD	Air Rights <u>12:41</u>		MAIL:
Comm. Zech		SP	INPO <u>1:03</u>	ADM:DMB
SECY			NSAC <u>1:01</u>	DOT: Trans Only
ACRS				
CA				
PDR	Applicable Resident Site <u>1:05</u>			
	Regions I <u>12:51</u> , II <u>12:53</u> , IV <u>12:57</u> , V <u>12:59</u>			Licensee (Corporate Office) <u>1:14</u>