

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. *DMB*

Facility: Northern States Power Company
Prairie Island, Unit 1 (Docket No. 50-282)
Welch, MN 55089

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

Subject: SHUTDOWN TO REPAIR STEAM GENERATOR TUBE LEAKAGE

On October 28, 1984, the unit resumed operation after a six-day outage to plug leaking steam generator tubes. Two tubes were plugged - one in each of the unit's two steam generators.

During power escalation, leakage was detected in steam generator No. 12, reaching 0.32 gallons per minute at 5:32 a.m., October 29, 1984. At that point, the licensee initiated a reactor shutdown. The leakage continued to increase during the shutdown and reached 1.5 gallons per minute (the Technical Specification limit for primary-to-secondary system leakage in the steam generator is 1 gallon per minute) at 6:56 a.m.

The licensee declared the incident to be an unusual event under its emergency plan at 6:56 a.m., October 29, 1984.

The licensee will perform the appropriate testing of steam generator tubes and plug any leaking tubes identified. The Resident Inspectors will monitor the licensee's activities. A technical review by a Region III specialist is planned.

The State of Minnesota will be notified of this information.

The licensee notified the Headquarters Duty Officer of the steam generator tube leakage at 6:45 a.m. (CST), October 29, 1984.

This information is current as of 10:00 a.m., October 29, 1984.

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