Date: January 17, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-III-80-13

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date.

Facility: Wisconsin Public Service (Kewaunee)
Docket No. 50-305
Kewaunee, Wisconsin

POOR ORIGINAL

Subject: PARTIAL LOSS OF STATION POWER AND REACTOR TRIP

This PN is being issued because the plant lost the use of all but one of the off site power sources and the reactor tripped.

At approximately 2:00 p.m. CST on 1-17-80, a bushing failed on the reserve auxiliary transformer which was supplying plant electrical loads. This caused a loss of power to the reactor coolant pumps, the feedwater pumps and balance of plant auxiliaries which resulted in a turbine trip and subsequent reactor trip from 100% power. The main auxiliary transformer was out of service at the time. Power to the two 4160V safeguards buses automatically transferred to the tertiary auxiliary transformer in accordance with design requirements and, therefore, was not lost. All plant safety systems performed as required, and initially, the plant was brought to the hot shutdown condition.

Natural convective cooling of the reactor coolant system was satisfactorily established with the auxiliary feedwater system in service. The reactor coolant system is being borated to cold shutdown concentration and a slow, controlled cooldown of the system is in progress. Both diesel generators are operable and power to the pressurizer heaters was not lost. There is no indication of primary/secondary steam generator tube leakage; however, sampling of the secondary system is planned to confirm no radiological consequences have resulted from the reactor trip.

The Region III Incident Response Center was manned, and communications between the licensee, RIII and IE was established via the hotline (Red Phone System). The State of Wisconsin was notified. A RIII site inspection team (3 members) has been dispatched to the site.

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Distribution: Transmitted H St 7:55AM ✓

Chairman Ahearne	Commissioner Hendrie	S. J. Chilk, SECY
Commissioner Gilinsky	Commissioner Bradford	C. C. Kammerer, CA
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Transmitted: MNBB 7:59AM ✓	P. Bldg 9:15 ✓	IE:XOOS 9:34 (IE: HQ Dist.
L. V. Gossick, EDO	H. R. Denton, NRR	
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	S. Levine, RES	IE:XOOS

RI 8:38
RII 8:34
RII 9:01
RII 9:03

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A press release will be issued by the licensee and/or RIII.

The licensee notified RIII of this matter by telephone at 2:50 p.m. CST on 1-17-80. This information is current as of 6:00 p.m. CST 1-17-80.

Contact: K. A. Baker, RIII, 384-2541 R. F. Heishman, RIII, 384-2540

Distribution: Transmitted H St _____

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