

PRELIMINARY NOTIFICATION

December 29, 2014

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE—PNO-III-14-012A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. Some of the information may not yet be fully verified or evaluated by the Region III staff.

Facility

Prairie Island Nuclear Plant
Northern States Power Co.
Welch, MN
Docket: 50–282
License: DPR–42

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: UPDATE: SHUTDOWN OF PRAIRIE ISLAND UNIT 1 DUE TO INCREASING TREND IN REACTOR COOLANT SYSTEM LEAKAGE

Prairie Island Unit 1 was restarted on December 26, 2014. Prairie Island Unit 1 was shut down on December 10, 2014, to repair a leak from one of two reactor coolant pumps. The leak was identified after plant operators observed an increasing trend in the reactor coolant system leakage rate. The plant shut down after the leakage reached the licensee's administrative limit, which was lower than the required limit of 1 gallon per minute per the Technical Specifications.

The plant made repairs to the reactor coolant pump. Plant operators commenced a startup and the reactor was made critical on December 26, 2014. The unit was synchronized to the electrical grid on December 27, 2014 and full power was reached on December 29, 2014. Plant parameters from the repaired pump are within specifications. The Resident Inspectors were on site and monitored portions of the startup activities.

This preliminary notification is issued for information only and no further action by the staff is anticipated.

The information presented herein has been discussed with the licensee, and is current as of 1:30 pm CDT, on December 29, 2014.

ADAMS Accession Number: ML14363A521

CONTACT: Kenneth Riemer
630–829–9628
Kenneth.Riemer@nrc.gov