



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JUN 17 1983

1. Gary  
2. File

MEMORANDUM FOR: H. Denton  
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THRU: Robert A. Clark, Chief  
Operating Reactors Branch #3, DL

FROM: Dominic C. DiIanni, Project Manager  
Operating Reactors Branch #3, DL

SUBJECT: DAILY HIGHLIGHT

Prairie Island Nuclear Generating Plant Unit No. 2

The Daily Highlight dated June 10, 1983 indicated that Prairie Island Unit 2 was manually shutdown because of excessive primary coolant leak rate (.07 gpm) at the steam generator manway covers. Prairie Island Unit 2 is back on line (100% power) and the cause of the leaky manway covers was due to insufficient torquing of the head bolts and/or dirt in the bolt holes that prevented the proper bottoming of the bolts. All of the bolt holes were thoroughly cleaned out. The bolts were torqued to 1800 ft lbs. instead of the 1600 ft lbs. used when the manway covers were installed during the last refueling cycle. The reason for the change in torque value is due to the change in the bolt lubricant as recommended by Westinghouse. The bolts were also visually examined (i.e. dye penetrant) for cracks and none were found. Northern States Power Company has been examining the bolts for cracks during each refueling outage since this problem was discovered at Calvert Cliffs. The examination method is by dye penetrant and UT.

The licensee successfully pressure tested the manway covers at temperature and pressure during hot standby before power ascension. This issue is considered resolved.

Dominic C. DiIanni, Project Manager  
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