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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

January 16, 1981

Director of Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License No. DPR-22
50-306 DPR-60

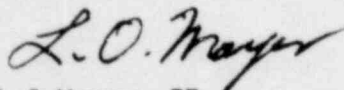
NUREG-0737 Item II.K.3.17, Report on
Outages of Emergency Core-Cooling Systems

NUREG-0737, "Clarification of TMI Action Plan Requirements," issued by the NRC Staff on October 31, 1980 contains the requirement (Item II.K.3.17) to submit a report detailing outage dates and length of outages for all emergency core-cooling (ECC) systems for the last five years of operation. The purpose of the report is to provide the Staff with data on unreliability due to test and maintenance outages which will be used to determine if cumulative outage requirements are needed in the Technical Specifications.

Attached is the tabulation of outage information for the Prairie Island Nuclear Generating Plant. The data represents all outages of ECC systems from January 1, 1976 through December 31, 1980 except during refueling. The Prairie Island ECC systems include the high-head safety injection system, the low head safety injection system, and the accumulators.

We believe the outage times reported on the attached table do not constitute excessive unavailability. There is no case where accumulation of short permissible outages resulted in unacceptable overall system availability. No Technical Specification changes are warranted.

Please contact us if you have any questions concerning the information we have provided.



L O Mayer, PE
Manager of Nuclear Support Services

cc: J G Keppler
G Charnoff
NRC Resident Inspector

Attachment

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Director of NRR, USNRC
January 16, 1981
Attachment

Prairie Island Units 1 and 2

Report of Outage of ECC Systems From January 1, 1976 to December 31, 1980

<u>Outage Date</u>	<u>Duration</u>	<u>Cause and System</u>		<u>Reference (Work Req)</u>
12-19-80	1 hr 44 min	Modify W-2 Control Switch	(RH)	D6980
12-15-80	3 hrs 58 min	Modify W-2 Control Switch	(SI)	D6946
12-12-80	4 hrs 59 min	Modify W-2 Control Switch	(RH)	D6981
11-5-80	19 hrs 5 min	Preventative Maintenance, RHR Pump	(RH)	Note 1
11-3-80	19 hrs 28 min	Preventative Maintenance, RHR Pump	(RH)	Note 1
9-13-80	1 hr 30 min	Maintenance on Motor Valve	(RH)	D5423
9-10-80	15 hrs (EST)	Preventative Maintenance, RHR Pump	(RH)	Note 1
9-11-80	15 hrs (EST)	Preventative Maintenance, RHR Pump	(RH)	Note 1
8-5-80	8 hrs 38 min	Gasket Leak Repair	(RH)	D3366
8-4-80	8 hrs	Gasket Leak Repair	(RH)	D1697
7-29-80	21 hrs 5 min	Gasket Leak Repair	(RH)	D3055
3-31-80	13 hrs 45 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
1-8-80	15 hrs (EST)	Preventative Maintenance, RHR Pump	(RH)	Note 1
12-10-79	7 hrs 30 min	Radiograph Inspection, RHR Pump	(RH)	C6655
10-1-79	11 hrs 20 min	Gasket Leak	(RH)	C4853
9-26-79	11 hrs 55 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
9-25-79	15 hrs 5 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
4-18-79	18 hrs	Gasket Leak	(RH)	A7836
1-31-79	13 hr 56 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
1-30-79	6 hrs 40 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
8-29-78	7 hrs 15 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
8-28-78	14 hrs 50 min	Preventative Maintenance, RHR Pump	(RH)	P3124-1
2-23-77	7 hrs 46 min	Gasket Leakage	(RH)	A0871
1-29-77	12 hrs 35 min	Gasket Leakage	(RH)	A0463
7-30-79	3 hrs 22 min	Modification	(SI)	C4186 & A4187
11-28-77	22 min	Testing to Determine Leakage	(SI)	A7186
11-1-77	3 hrs	Testing to Determine Leakage	(SI)	A7135
10-20-77	20 hrs	Testing to Determine Leakage	(SI)	A6880
6-18-77	4 hrs 57 min	Replace Leaking Safety Valve	(SI)	A4223
6-8-77	3 hrs 30 min	Testing for Possible Pump Damage	(SI)	A3790
6-8-77	8 hrs	Testing for Possible Pump Damage	(SI)	A3564
10-6-76	7 hrs 46 min	21 RH Loop Leakage Check	(RH)	3128
9-16-76	7 hrs 19 min	22 RH Loop Leakage Check	(RH)	3099

Notes:

1. Record of Outage date and duration based upon PM schedule
2. This tabulation does not include work done on ECCS components during refueling outages
3. RH - RHR (Low Head Safety Injection)
SI - Safety Injection (High Head) and accumulators