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Nuclear Business Unit

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U. S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

Gentlemen:

MONTHLY OPERATING REPORT HOPE CREEK GENERATING STATION UNIT 1 DOCKET NO. 50-354

In compliance with Section 6.9, Reporting Requirements for the Hope Creek Technical Specifications, the operating statistics for **September 1998** are being forwarded. No changes, 195's, and experiments were implemented during **September 1998** that require a summary to be forwarded to you pursuant to the requirements of 10 cm 50.59(b).

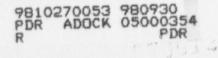
Sincerely,

FOR M. BEZILLA

Mark B. Bezilla General Manager -Hope Creek Operations

RAR/mw Attachments

C Distribution



The power is in your hands.

JE24'

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DOCKET NO.: 50-354 UNIT: Hope Creek DATE: 10/12/98 COMPLETED BY: F. Todd TELEPHONE: (609) 339-1316

Reporting Period September 1998

OPERATING DATA REPORT

Design Electrical Rating (MWe-Net) Maximum Dependable Capacity (MWe-Net)

No. of hours reactor was critical No. of hours generator was on line (service hours)

Unit reserve shutdown hours Net Electrical Energy (MWH)

1067			
1031			
Month	Year-to-date	Cumulative	
720	6551	87091	
720	6551	85621	
0	0	0	
734972	6735954	86633106	

UNIT SHUTDOWNS

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTION/ COMMENT
N/A					1	

(1) Reason

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training/License Examination
- F Administrative
- G Operational Error (Explain)
- H Other

- (2) Method
 - 1 Manual
 - 2 Manual Trip/Scram
 - 3 Automatic Trip/Scram
 - 4 Continuation
 - 5 Other (Explain)

DOCKET NO.: 50-354 UN'T: Hope Creek DATE: 10/12/98 COMPLETED BY: R. Ritzman TELEPHONE: (609) 339-1445

Summary Of Monthly Operating Experience

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- Hope Creek entered the month of September at approximately 100% reactor power.
- On September 12, power was reduced for condenser water box tube leak repairs. Power was restored to approximately 100% reactor power on September 13.
- At the end of the month, Hope Creek had completed its 291st day of continuous power operation.

DOCKET NO.:50-354 UNIT: Hope Creek DATE:10/12 COMPLETED BY:R. F TELEPHONE: (609) 339-1445

SUMMARY OF CHANGES, TESTS, AND EXPERIMENTS FOR THE HOPE CREEK GENERATING STATION

MONTH SEPTEMBER 1998

The following items completed during **September 1998** have been evaluated to determine:

1. If the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report may be increased; or

2. If a possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report may be created; or

3. If the margin of safety as defined in the basis for any technical specification is reduced.

The 10CFR50.59 Safety Evaluations showed that these items did not create a new safety hazard to the plant nor did they affect the safe shutdown of the reactor. These items did not change the plant effluent releases and did not alter the existing environmental impact. The 10CFR50.59 Safety Evaluations determined that no unreviewed safety or environmental questions are involved.

Design Changes Summary of Safety Evaluations

There were no reportable changes in this category implemented during September 1998.

Temporary Modifications Summary of Safety Evaluations

There were no reportable changes in this category implemented during September 1998.

Procedures Summary of Safety Evaluations

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There were no reportable changes in this category implemented during September 1998.

UFSAR Change Notices Summary of Safety Evaluations

There were no reportable changes in this category implemented during September 1998.

Deficiency Reports Summary of Safety Evaluations

There were no reportable changes in this category implemented during September 1998.

Other Summary of Safety Evaluation

Engineering Evaluation H-1-GJ-MEE-1264, Safety-Related Chiller Operation and River Water Temperature. This engineering evaluation revises the initiation of the back-up air/gas supply to the safety-related chiller Safety Auxiliaries Cooling System (SACS) flow control valves from a part-time temperature-dependent service to a full-time service. This will ensure that the Control Room chillers will not trip due to low SACS temperatures, and that SACS will be able to provide sufficient flow to the Residual Heat Removal (RHR) heat exchangers for all cross tied configurations during periods of high SACS temperatures.

Under the existing design condition, without the back-up air/gas supply system, a plant loss of Instrument Air could cause the Control Room and 1E Panel Room chillers to trip on low evaporator refrigerant pressure when SACS temperature is ≤70°F. SACS would not be able to provide sufficient flow to the RHR heat exchangers for all cross-tied configurations during periods of high SACS temperatures under all accident conditions.

This proposal revises the back-up air/gas supply system from a part-time temperaturedependent service to a full-time service. The change increases the reliability of the Control Area Chilled Water System and will not adversely affect the design function of the system, nor does it increase any probabilities or consequences of any malfunctions of equipment important to safety or accidents as described in the UFSAR accident analyses. There is no USQ and the UFSAR is changed to reflect the back-up air/gas supply to a full-time service.