



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

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November 1, 1979

United States Regulatory Commission
Office of Inspection and Enforcement
Washington, D. C. 20555

ATTENTION: Director, Division of Reactor Construction Inspection

Dear Sir:

SUBJECT: Grand Gulf Nuclear Station
File 0272/L-EGG.0/15521
Evaluation of IE Bulletin
79-15
AECM-79/125

NRC IE Bulletin 79-15, "Deep Draft Pump Deficiencies," expresses a concern regarding manufacturing deficiencies in pumps which are utilized in safety related systems.

The bulletin requests the following six items:

1. The number of deep draft pumps which are utilized in safety-related applications.
2. The manufacturer, model, capacity, and plant application.
3. The overall dimensions of the pumps.
4. A summary of the startup, testing, and routine maintenance history of the pumps.
5. Information on operational problems and major repair efforts.
6. Information on the longest interval that each pump has been available for operation without corrective maintenance and the longest continuous operation at or near rated flow, and the status of pump operability at the end of the run.

Responses to items 1, 2, and 3 for the ECCS systems are provided in the attached Tables 1 and 2. However, since no preoperational or startup testing has been performed on the ECCS pumps, we feel that items 4, 5, and 6 are not applicable to Grand Gulf at this time.

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Please note that our response does not include the pumps utilized in the Standby Service Water System (SSW). To date, we have not received all of the information from our sub-suppliers. Therefore, we request an additional extension until December 3, 1979.

Should you have any questions regarding this matter, please advise.

Yours truly,


L. F. Dale
Nuclear Project Manager

RTE/JDR:mle

Attachment: Tables 1 and 2

cc: Mr. N. L. Stampley
Mr. R. B. McGohee
Mr. T. B. Conner

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U. S. Nuclear Regulatory Commission
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Mr. Victor Stello, Director
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bcc: Dr. D. C. Gibbs
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Grand Gulf Deep Draft Pumps (HPCS, LPCS, and RHR)

Table 1

<u>Plant Application</u>	<u>Pumps Per Plant</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Design Capacity (GPM)</u>	<u>Purchase Specification Data Sheet</u>	<u>ICD or Gen. Arrang. Outline Dwg. or VPF Section Dwg.</u>
HPCS	1	Byron Jackson	30DX20CKXNL-13	7275	21A1913AA	105D5672
LPCS	1	Byron Jackson	33DX21CKXNH-4	7275	21A9514AN	105D5174
RHR	3	Byron Jackson	30DX20CKXN-3	7620	21A9514AF	105D5106

Pump Dimensions

Table 2.

<u>Plant Application</u>	<u>Diameter of Suction Barrel</u>	<u>Distance from bottom of Suct. Barrel to Mounting Flange</u>	<u>Distance from Mounting Flange to Centerline of Discharge & Suct. Flanges</u>
HPCS	37 in.	283 in.	34.75 in.
LPCS	42 in.	288 in.	34.75 in.
RHR	37 in.	276 in.	34.75 in.