



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

June 25, 1982

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File: 0260/L-814.2/M-087.0
RE: 1. AECM-81/391, October 9, 1981
2. AECM-81/483, December 15, 1981
SQRT - Gould Pump Proprietary Drawings,
HPCS Service Water Pump (BOP 11)
AECM-82/258

The HPCS Service Water Pump (9645-M-087.0) at Mississippi Power & Light Company's (MP&L) Grand Gulf Nuclear Station (GGNS) was one (1) of the BOP items reviewed by the Equipment Qualification Branch (EQB) during the GGNS SQRT site audit conducted from July 28 to July 30, 1981. As a result of the review of the HPCS Service Water Pump, the EQB identified as a concern the methodology used to determine the relative displacement of the pump shaft and impeller. MP&L responded to this concern in a letter (AECM-81/391) to the NRC on October 9, 1981. MP&L also addressed this concern during a conference call on February 2, 1982, between MP&L, NUTECH, EG&G, NRC, and Bechtel.

Based on the original SQRT review, the October 9, 1981 response, and the February 2, 1982 conference call it is MP&L's position that the HPCS Service Water Pump is qualified to the SQRT criteria. An outcome of the February 2, 1982 conference call was a request by EQB for MP&L to provide them with detailed drawings of the Gould HPCS Service Water Pump. EQB requested the drawings for the purpose of performing an independent analysis on the HPCS Service Water Pump.

The following chronological events have occurred in providing the requested information:

1. During subsequent telephone conversations with Bechtel-Gaithersburg, it was learned that the requested drawings were classified as proprietary information by Gould Pump, Inc. On February 16, 1982, a conference call between MP&L, NRC, Gould took place in which Gould agreed to send the proprietary drawings to the NRC/EQB, provided MP&L would send Gould a letter requesting said information be sent to the NRC.

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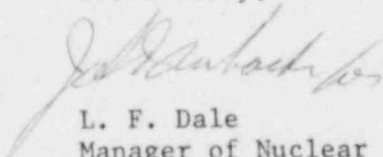
2. MP&L forwarded to Gould a letter (APO-82/179 - April 1, 1982) on February 17, 1982 requesting they provide to the NRC the proprietary drawings identified in the February 16, 1982 conference call. On March 23, 1982 Gould Pump, Inc. transmitted (API-82/1086) to the NRC the requested proprietary drawings for the HPCS Service Water Pump.
3. During a follow-up conference call on April 28, 1982, it was determined that Gould Pump, Inc. had forwarded to the NRC the drawings for the Standby Service Water Pump. On April 29, 1982, Gould Pumps, Inc. transmitted (API-82/1087) to the NRC the correct drawings for the HPCS Service Water Pump.

In Supplement No. 2 to MP&L's Safety Evaluation Report (SER) the EQB noted that preliminary results of their independent analysis of the HPCS Service Water Pump indicated the pump to be overstressed at the pump base. The EQB also required this issue to be resolved prior to operation above 5% power by MP&L.

In order for MP&L to resolve this issue in a timely manner, it is imperative for the EQB to provide MP&L with the results of their independent analysis as soon as possible.

If you have any questions or require further information, please contact this office.

Yours truly,


L. F. Dale
Manager of Nuclear Services

RAB/SHH/JDR:lg

cc: Mr. N. L. Stampley
Mr. R. B. McGehee
Mr. T. B. Conner
Mr. G. B. Taylor

Mr. Richard C. DeYoung, Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 3100
Atlanta, Georgia 30303