



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

March 26, 1981

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W.
Suite 3100
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Director

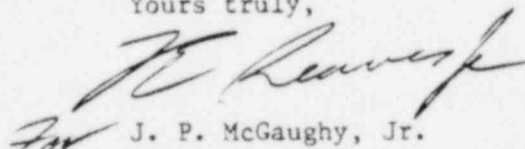
Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416/417
File 0260/15525/15526
PRD-81/14, Status Report #1,
Material Unqualified For FSAR
Accident Conditions
AECM-81/122

On February 24, 1981, Mississippi Power & Light Company notified Mr. P. A. Taylor, of your office, of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns the use of certain materials, in components supplied for use inside the containment, which are not environmentally qualified for operation under certain accident conditions.

Our investigation has not been completed. We expect to submit a final report by August 1, 1981. Attached is our status report.

Yours truly,


For J. P. McGaughy, Jr.

ATR:mt
Attachment

cc: See page 2




B019
3
1/01

Mr. J. P. O'Reilly
NRC

AECM-81/122
Page 2

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

Mr. Victor Stello, Director  THIS COPY FOR
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. G. B. Taylor
South Miss. Electric Power Association
P. O. Box 1589
Hattiesburg, MS 39401

STATUS REPORT NO. 1 TO PRD-81/14

I. Description of the Deficiency

Certain materials used in ASCO valves have been identified as not being environmentally qualified for operation in the accident conditions specified in the GGNS FSAR. The materials in question are acetal plastic, urethane, and teflon.

This deficiency is applicable to both Units 1 and 2.

II. Approach to Resolution of the Problem

An investigation is to be conducted by our Architect/Engineer and the NSSS Supplier to determine the extent to which these materials may be used in other systems which are required to operate under the specified accident conditions.

On completion of the investigation, engineering evaluations will be performed to determine effects on safety of operations. Corrective actions will be established on completion of the evaluations.

III. Status of Proposed Resolution

The investigation into the extent of the problem is in progress.

IV. Reason Why A Final Report Will Be Delayed

The investigation has not been completed.

V. Date When A Final Report Will Be Submitted

A final report will be submitted by August 1, 1981.