



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
 P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

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 2-FILE

NORRIS L STAMPLEY
 VICE PRESIDENT

October 9, 1973



Dr. Walter R. Butler, Chief
 Boiling Water Reactors Branch 1
 Directorate of Licensing
 U. S. Atomic Energy Commission
 Washington, D. C. 20545

SUBJECT: Grand Gulf Nuclear Station
 Units 1 and 2
 Docket Nos. 50-416 and 50-417
 File 0272/L-952
 Request for Additional Information
 AECM-74

Dear Dr. Butler:

We are writing in response to your letter of October 2, 1973, which included a Request for Additional Information and a Statement of Regulatory Requirements in regard to the design of the containment for Grand Gulf Nuclear Station. We shall respond to this request by November 12, 1973.

Yours very truly,

N. L. Stampley
 Vice President

NLS/lis

cc: Mr. Troy B. Conner, Jr.
 Mr. Robert C. Travis

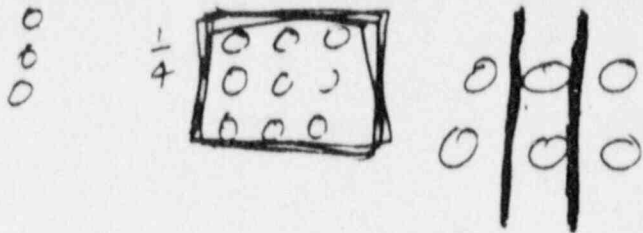
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Member Middle South Utilities System

7517

B/45



ACRS Subcommittee

Grand Gulf 10/25/72

- effect of walls on vent cleaning
- interaction of vents - How are we going to handle?
Partial test completion!
What gives us confidence?
Multiple vents -
MARCIN!

Hold Letter!

put ACRS on diet.

- Nodalization
- Single dominant vent flow model
- Maldistribution
- Blockage of conduits inside
- Weurgassen!!!

Reason: Useful to stagger vent holes

Nodalization studies?

Weurgassen - any similarity to Mark III

well well is tied to drywell wall
& at selected areas - bubbling effect?

H₂ - Need to know mixing
capacities??

Initial spray!
Problems / starter being against
decrease in safety?

5% on 10 min.
0 10 min
5% 10 min.

- Depressurization - Need system!!
- main relief

Drum head is designed for 33 psi external

COOK question on Being in upper compartment

Design of the system -
- not to prevent structural damage.
is to prevent ^{insulated} flooding