



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

September 5, 1984

NUCLEAR LICENSING & SAFETY DEPARTMENT

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

Attention: Mr. Harold K. Denton, Director

Dear Mr. Denton:

SUBJECT: Hydrogen Control Owners Group
Inclusion of Sandia National Labs
Calorimeters in 1/4 Scale Test
Reference: Letter from Mr. Thomas
M. Novak to Mr. J. R. Haley,
dated June 25, 1984
HGN-019

The referenced letter requested inclusion in the Hydrogen Control Owners Group (HCOG) 1/4 scale test facility of flat plate calorimeters provided by Sandia National Laboratory. The HCOG has reviewed available data acquisition channels and determined two of these calorimeters can be placed in the test facility by replacement of two sphere calorimeters. The flat plate calorimeters will be located adjacent to existing sphere calorimeters and gardon gauges which also measure heat flux. This will provide three redundant measurements at the same location of the same parameter.

Arrangements should be made with Mr. John Hosler at the Electric Power Research Institute (415-855-2785) for shipment of the instruments to the 1/4 scale test facility. Sandia National Laboratory should also provide appropriate information on instrument installation and calibration.

We look forward to working with you and your consultants in completing the 1/4 scale test program.

Yours very truly,

S. H. Hobbs, Chairman
Hydrogen Control Owners Group

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