

# MARK III CONTAINMENT HYDROGEN CONTROL OWNERS GROUP

c/o Gulf States Utilities • North Access Road at Highway 61 • St. Francisville, LA 70775

J. R. Langley, Project Manager

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April 2, 1986

HGN-079

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

Attention: Mr. Robert Bernero

Reference: 1) Letter from R. M. Bernero to S. H. Hobbs, dated November 29, 1985

Reference: 2) Letter from S.H. Hobbs to R. M. Bernero, Spray Actuation Criteria for the 1/4 Scale Test Facility, HGN-074, dated February 17, 1986

Subject: Revisions to Production Test Matrix

Dear Mr. Bernero:

Reference 1 stated that the NRC ".....believe(s) that at least one of these (production) tests designated to be carried out with hydrogen release history B should be carried out without sprays." The Hydrogen Control Owners Group (HCOG) has reviewed data from Scoping Tests S.14 and S.15 to determine when sprays would be initiated using the criteria delineated in Reference 2. The HCOG has confirmed that sprays would be initiated after completion of the Case B hydrogen release history peak injection. Due to this, and the fact that the Case B release history tests will not be run with a tail simulating a 75% MWR, HCOG agrees to modify the present production test matrix to require all production tests run with a Case B release history to be conducted without sprays.

This submittal was compiled by HCOG from the best information available for submittal to the Nuclear Regulatory Commission. The submittal is believed to be complete and accurate, but it is not submitted on any specific plant docket. The information contained in this letter and its attachments should not be used for evaluation of any specific plant unless the information has been endorsed by the appropriate member utility. HCOG members may individually reference this letter in whole or in part as being applicable to their specific plants.

Very truly yours,



J. R. Langley  
Project Manager

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