

MARK III CONTAINMENT HYDROGEN CONTROL OWNERS GROUP

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HGN-139

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

Attention: Document Control Desk

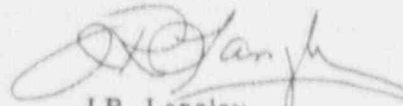
Subject: Generic Mark III Containment Hydrogen Control Safety Evaluation
Report

The Generic Mark III Containment Hydrogen Control Safety Evaluation Report (SER), received by the Hydrogen Control Owners Group (HCOG) on August 13, 1990, identified the basis for closure of the hydrogen control program to address generic aspects for compliance with 10 CFR 50.44. The SER also identified specific areas to be addressed in plant specific submittals and requested a response from HCOG within three months after receipt of the SER.

On October 23, 1990, the HCOG met with the NRC for the purpose of reviewing the SER. Primary items of discussion included the application of station blackout accident sequences to hydrogen generation events (HGEs), the availability of containment sprays or unit coolers during an HGE and pressure survivability of essential equipment during an HGE. The HCOG presented its understanding of the SER information and identified areas in the SER where clarification or change may be warranted. The NRC requested that HCOG provide confirmatory information regarding its position on these issues. In addition, a telecon with HCOG was initiated by the staff on November 16 to provide additional information regarding the staff position on the above items.

As a result of the interactions with the staff, HCOG work has continued in order to adequately address the staff's concerns. It is anticipated that resolution of the issues will be accomplished this spring. The HCOG intends to submit its response to the Generic SER within three months after acceptable resolution of the generic issues. Submittal of the plant specific hydrogen submittals will be delayed pending resolution of the above issues. The full impact on the plant specific submittals will be provided by the individual utilities.

Very truly yours,



J.R. Langley
Project Manager

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