

Grand Gulf Nuclear Station
Docket No. 50-416
Entergy Operations, Inc.
Quarterly Status Report
for
Period Ending September 30, 1992
"Degraded Core Accident Hydrogen Control Program"

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1.0 Introduction

This quarterly status report is submitted to comply with the Grand Gulf Nuclear Station (GGNS) Unit 1 Operating License. This requirement specifies that Entergy Operations, Inc. should provide quarterly reports outlining the status of the ongoing research program to address degraded core hydrogen control requirements. This report covers the third calendar quarter of 1992, ending September 30, 1992.

This report includes brief summaries of any submittals made by Entergy Operations this quarter, along with summaries of any meetings between the NRC Staff and Entergy Operations. Entergy Operations is participating in the Hydrogen Control Owner Group (HCOG) which is conducting generic research and analyses to resolve the degraded core hydrogen control issue. Since the work completed by HCOG parallels Entergy Operations' program to resolve this issue, this report also includes any summaries of meetings between the HCOG and the NRC. The meeting summaries and program status information as stated herein do not reflect a formal HCOG position with respect to any issue, but represent Entergy Operations' interpretation of these activities.

2.0 Summary of Entergy Operations, Inc. Submittals

Entergy Operations made no submittals to the NRC on the Degraded Core Accident Hydrogen Control Program during this calendar quarter of 1992.

3.0 Summary of HCOG and NRC Meetings

No formal meetings were held between Entergy Operations or HCOG and the NRC during this quarter.

4.0 Hydrogen Control Program Status

The generic research and generic analyses conducted by HCOG to resolve the degraded core hydrogen control issue are complete. In accordance with this, the NRC issued a Safety Evaluation Report (SER) on the generic Hydrogen Control Program on August 10, 1990. The SER documented the NRC's review of the generic Hydrogen Control Program and delineated which issues were considered closed by the NRC and which required additional action by the HCOG and/or the individual utilities.

The Hydrogen Control Owners' Group submitted two documents in response to the NRC's concerns (i.e., HGN-137, dated April 29, 1991 and HGN-138, dated April 30, 1991). In July 1991, the Staff indicated that review of these submittals had been initiated.

5.0 Status of Significant Issues

No change.

6.0 Planned Activities for the Fourth Quarter 1992

Following acceptable resolution of issues relating to the generic SER, Entergy Operations will review its schedule for submittal of the GGNS Final Hydrogen Control Report, identify the remaining work necessary for this submittal, and initiate work on the remaining plant-specific tasks.