

BWR OWNERS' GROUP

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November 9, 1993

Ashok

U.S. Nuclear Regulatory Commission
Mail Station 8 E2
Washington, DC 20555

Attention: Ashok Thadani

Subject: ***SUBMITTAL OF REQUESTED REPORT ON CONTROL OF
COMBUSTIBLE GASES IN THE EMERGENCY PROCEDURE
GUIDELINES***

The attached report (GENE-637-004-0993) documents the BWROG evaluation of two combustible control strategies using the NCAD system. The results of this analysis were discussed with Mr. Jack Kudrick of the NRC at a meeting in Rockville on September 3, 1992. The report is submitted to document the evaluation and its results as requested by the Staff at that meeting.

The BWR Owners' Group sponsored study was undertaken in response to the issue identified in the NRC Safety Evaluation Report on Emergency Procedure Guidelines, Revision 4, regarding differences between the EPGs and plant safety analysis for control of combustibles in the containment. The purpose of the analysis was to provide a documented technical basis for determining the actions which should be specified in the combustibles gas control portion of the EPGs. It is intended that the information contained in this report enable the BWROG and the NRC Staff to reach consensus on the best strategy to employ in the EPGs for using the NCAD system.

The report evaluates two strategies: the Purge strategy, and the Pressurization strategy. The important finding of the report is that the Purge strategy will generally result in lower radiological consequences as compared to the use of the Pressurization strategy. This leads to the conclusion that the current general EPG combustibles control strategy is appropriate. However, based on this study, some improvements in the procedure guidance have been identified which are being evaluated by the BWROG Emergency Procedure Committee.

The material contained in this letter and attachment has been endorsed by a substantial number of the members of the BWR Owners' Group; it should not be interpreted as a commitment of any individual member to a specific course of action. Each member must formally endorse the BWR Owners' Group position in order for that position to become the member's position.

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to Bill
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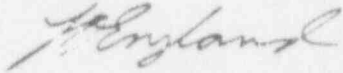
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If there are any questions on this information, please contact Bill Williamson (TVA - Emergency Procedure Committee Chairman) at (205) 729-2455, or Jason Post (GE) at (408) 925-5362, or the undersigned

Very truly yours,



LA England, Chairman
BWR Owners' Group

Attachment
NCAD/nrc/tr1/jsp

cc RA Pinelli, BWROG Vice Chairman
CL Tully, RRG Chairperson
J Kudrick, NRC
NRC Document Management Branch
BWROG Emergency Procedures Committee II
SJ Stark, GE
JE Dale, GE