



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 3, 2014

MEMORANDUM TO: Tim McGinty, Director
Division of Safety Systems
Office of Nuclear Reactor Regulation

FROM: Tom Boyce, Chief **/RA M. Orr for/**
Regulatory Guidance and Generic Issues Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: REQUEST FOR APPROPRIATE RESPONSE DETERMINATION
OF PROPOSED GENERIC ISSUE ON TRAPPED HYDROGEN
AND OXYGEN FIRE AND EXPLOSION DURING FLUID
TRANSIENTS

The proposed generic issue (GI) relating to trapped hydrogen and oxygen fire and explosion during fluid transients has been received by the GI Program. This proposed issue, designated as PRE-GI-015, has been entered into the Generic Issues Management Control System for tracking purposes.

In accordance with NRC Management Directive and Handbook 6.4, "Generic Issues Program," the GI staff is requesting the regulatory office to review the issue and determine if the issue requires immediate action in accordance with LIC-504, "Integrated Risk-Informed Decision-Making Process for Emergent Issues."

There are two possible outcomes after the regulatory review.

- (1) The issue requires immediate action and the regulatory office takes responsibility of the issue; therefore the issue exits the GI process, or
- (2) The issue does not require immediate action and the regulatory office must provide a response to the GI staff via memorandum on the justification for ongoing operations as to why the plant may continue to operate based on the proposed issue. The justification for ongoing operations may include the following:
 - (a) Basis on why the plants may continue to operate
 - (b) Timeline as to the how long the plant may operate based on the issue (e.g., the length of the operating license or until the GI screening stage)
 - (c) Potential impact if the issue occurs

The enclosure contains the proposed GI.

CONTACT: Arthur Cunanan, RES/DE
301-251-7457

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Enclosure:
 As stated

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| DATE | 11/ 03 /14 | 11/ 03 /14 | 11/ 03 /14 |

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