

JUL 5 1991

MEMORANDUM FOR: Warren Minners, Director
Division of Safety Issue Resolution
Office of Nuclear Regulatory Research

FROM: Brian W. Sheron, Director
Division of Systems Research
Office of Nuclear Regulatory Research

SUBJECT: UPDATE OF GENERIC ISSUE MANAGEMENT CONTROL SYSTEM (GIMCS)

The following three issues currently being tracked by GIMCS have been incorporated into the Severe Accident Research Program (SARP) Plan:

<u>ISSUE NUMBER</u>	<u>TITLE</u>
II.B.5(1)	Behavior of Severely Damaged Fuel
II.B.5(2)	Behavior of Core Melt
II.B.5(3)	Effect of Hydrogen Combustion on Containment Structures

Issues II.B.5(1) and II.B.5(2) are part of the Long Term Issue L2, "In-Vessel Core Melt Progression and Hydrogen Generation;" Issue II.B.5(3) is part of the Long Term Issue L3, "Hydrogen Transport and Combustion." As documented in NUREG-1365, "Revised Severe Accident Research Program Plan," issue L2 covers in-vessel core melt progression from the start of core uncover to reactor vessel failure. Issue L3 includes research on high temperature/high steam concentration combustion, and deflagration-to-detonation transition to assess the possible threat to containment and safety-related equipment.

Since Issues II.B.5(1), (2) and (3) are an integral part of the SARP, there is no need to duplicate the effort to track them separately under GIMCS. Therefore, I recommend that the next update of GIMCS be revised accordingly.

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