

POOR ORIGINAL

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Date 4/24/79

MEMORANDUM FOR: Darrell G. Eisenhut, Deputy Director, Division of Operating Reactors

THRU: Steven A. Varga, Chief, Light Water Reactors Branch No. 4, Division of Project Management

FROM: F. J. Williams, Jr., Technical Coordinator, Division of Project Management

SUBJECT: PROBLEMS - TMI BULLETIN RESPONSES

Bulletin 06A, Plant NCCM10041, DC CCR2
FARLEY 1,
Source J. STOLZ, IFM, NRC,
Resolution required for safety evaluation NO

Problem - Bulletin requires maintenance of 50°F subcooling condition with HPI operation. Enclosed memo discusses staff review of report which includes ^{of level} environmental testing of certain Barton pressure transmitters. Results indicate inaccuracies up to 25% under long term LOCA environment. The case of these instruments is being evaluated as part of an ongoing review. The concern as it relates to the TMI Bulletin is that greater than 50°F subcooling might be required for two plants utilizing these transmitters in order to account for the inaccuracies.

Assessment by Problem Group - This concern should be considered by those responsible for establishing the subcooling margins. Our assessment, however, is that the 50°F margin is established to control conditions under a small break condition and to prevent the core damage leading to the high radiation levels. The environmental conditions leading to the inaccuracies are essentially prevented by the Bulletin action. Consideration of the concern might be done separately from Bulletin actions.

Additional information available -

J. Stolz & L. Kintner. Information on the test environmental conditions, inaccuracies etc. Also, the Topical Report may reference additional plants.

F. J. Williams, Jr.

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