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TO: Harold Eberington, Chairman, ACRS TMI-2 Subcommittee
FROM: C. Michelson, ACRS Consultant LHM "LH"
SUBJECT: ADEQUACY OF TMI-2 EMERGENCY PROCEDURES FOR THE CASE OF A LOSS
OF REACTOR COOLANT AT THE TOP OF THE PRESSURIZER

The attached report presents my views concerning this subject.

The conclusions indicate that the applicable procedure for the TMI-2 accident should have been 2202-1.5 (Pressurizer System Failure). However, in my opinion this procedure was unacceptable for that purpose or for any other loss of reactor coolant at the top of the pressurizer.

Emergency Procedure 2202-1.3 (Loss of Reactor Coolant/Reactor Coolant System Pressure) was also examined and found to provide confusing symptoms and instructions for the case of a loss of reactor coolant at the top of the pressurizer. Therefore, I believe this procedure was not adequate to assure a correct response to the TMI-2 accident. In addition it was not the correct procedure to follow in view of the observed symptoms.

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