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

JAN 8 1979

50-331

MEMORANDUM FOR: D. G. Eisenhut, Acting Assistant Director for Systems
and Projects, Division of Operating Reactors

FROM: C. I. Grimes, Task Manager A-7

SUBJECT: FORTHCOMING MEETING WITH REPRESENTATIVES OF THE MARK I
OWNERS GROUP

DATE & TIME: Monday, January 22, 1979 2:00 pm
Tuesday, January 23, 1979 8:30 am
Wednesday, January 24, 1979 8:30 am

LOCATION: San Jose, CA
1/22/79 GE Pruneyard Towers
1/23-24/79 Hyatt House

PURPOSE: To discuss the Mark I Long Term Program Load
Definition Report and related issues. A pro-
posed agenda is attached.

ATTENDEES: NRC - C. Grimes, J. Fair, J. Kudrick, N. Su
BNL - G. Maise, J. Ranlet, R. Kosson, C. Tung,
C. Economos, A. Sonin (MIT), G. Bienkowski
(Princeton)
GE - B. Buchholz, L. Steinert, et. al.
Mark I Owners - TRC Representatives
EPRI - C. Sullivan, et. al.
LLL - E. McCauley, et. al.

C. Grimes

C. Grimes
Task Manager A-7

Enclosure:
As stated

cc: see page 2

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PROPOSED AGENDA

January 22, 1979

2:00 - 7:00 pm

Discussion of two and three dimensional pool swell test results

1. 2D/3D data comparisons
2. three dimensional effects
3. test facility configurational differences
4. effects of vent system orificing
5. vent flow distributions
6. pressure integration methodology

January 23, 1979

I. General Program Status Summary

1. Schedule for submittal of outstanding reports.
2. Implementation of LDR and plant-unique analysis content.
3. Methods for resolution of NRC questions and comments.

II. Ongoing program issues

1. Downcomer submergence -thermal stratification
2. FSTF application methodology
3. Fluid - structure interaction effects
4. Load definition error and uncertainty

III. SRV Discharge Loads

1. Quencher parametric testing
 - a. 1/4 scale test results
 - b. scaling considerations (NEDC 23713)
2. Monticello quencher test results
3. Bubble phasing
4. Pool temperature limits for quencher
5. Monticello mixing test results.

IV. Detailed discussion of NRC/consultant questions and comments on Mark I Load Definition Report (NEDO 21888).

January 24, 1978

Continuation of NRC/consultant questions and comments on Mark I Load Definition Report.