

SYSTEMATIC EVALUATION PROGRAM BRANCH

RECORD OF PHONE CONVERSATION

DATE: 11/3/82

TIME: 1:00 PM

PARTICIPANTS: Thomas Cheng SEP/B/NRC

Clint Gladding Northeast Utilities

SUBJECT: M-1 Recirc. Pump Support - Seismic Design and Installation of the Proposed Modifications

SUMMARY OF CONVERSATION:

(A) Input to the analysis:

- ① A new lump mass-stiffness model was developed for reactor bldg.
- ② Site Specific Spectrum for M-1 was used as input to the bldg model
- ③ Floor response spectra obtained from bldg. analysis was used to analyze the Recirc. Loop piping system.

(B) Modelling:

- ① The entire Recirculation Loop System was modelled as a lumped mass-stiffness system
- ② Recirc. pump was modelled as lumped mass stick model (stabilized by snubbers) closely coupled with piping model.

(C) Analysis:

- ① Recirc pump was analyzed as part of piping system.
- ② "ADL PIPE" computer code was used for the analysis.

(D) The installation of the required modifications as the results of analysis will be completed together with those mods. required by I E Bulletin 49-14

(E) A detailed description about how the analysis was completed will be submitted to the

DISTRIBUTION: staff in the near future.

A001 Add: Drew Perreault

ROUTING AND TRANSMITTAL SLIP

Date

1/3/83

TO: (Name, office symbol, room number, building, Agency/Post)

Initials Date

- 1. *Mr. [unclear]*
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REMARKS

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Any questions call Drew

Phone No.

27458

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