

September 30, 1982

SBN- 337
T.F. B 7.1.2

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. Janis B. Kerrigan, Acting Chief
Licensing Branch 3
Division of Licensing

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) USNRC Letter, dated June 18, 1982, "Request for
Additional Information - Mechanical Engineering Branch",
F. J. Miraglia to W. C. Taliman

Subject: Response to 210 Series RAIs; (Mechanical Engineering Branch)

Dear Ms. Kerrigan:

We have enclosed responses to the subject Requests for Additional
Information (RAIs) which you forwarded in Reference (b). These are:

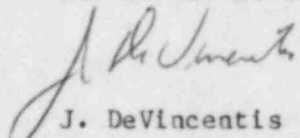
210.70, 210.71, 210.72, 210.73, 210.74, 210.75, 210.76, 210.77, 210.78,
210.79, 210.80, 210.81, 210.82, 210.86, 210.87, 210.88, 210.89

A draft version of the majority of the above responses was submitted to
the Project Manager, Mr. Louis Wheeler, on July 28, 1982.

The outstanding responses (210.83, 210.84, 210.85) will be submitted in
the near future.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


J. DeVincentis
Project Manager

Boo!

ALL/dd

Enclosures

JUL 16

RAI 210.70

The analysis of base plates shown in your submittal of July 6, 1979 includes a flexibility factor of 1.2. Provide the basis for this factor.

RESPONSE

- a. Enclosed (Exhibit 210.70-1) is a copy of the report "Prying Effect on Concrete Expansion Anchor Bolts Due to Pipe Support Base Plate Flexibility" which was the basis for the prying factor value of 1.2.
- b. Testing of Hilti Bolted plates indicates that the prying effect is negligible. The prying effect is noticeable only within the design load limits. The ultimate capacity of bolts is not affected by prying. Partial results of these tests are enclosed as Exhibit 210.70-2. The final test report is expected to be available in September 1982.

EXHIBIT 210.70-1