UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D.C.

APR 9 1962

Docket No. 50-29

Change No. 14

Distribution
C. K. Beck
R. Lowenstein
R. L. Kirk
E. G. Case
H. Shapar
P. A. Morris-2
E. E. Hall
D. C. Clark
E. Tremmel
H. Steele
R. Huard
Doc. Room
Formal
Suppl.
LB-L&R readings

Yankee Atomic Electric Company
441 Stuart Street
Boston 16, Massachusetts

Attention: Mr. Roger S. Coe
Vice President

Gentlemen:

This refers to your request dated January 10, 1962 for AEC authorization to make Proposed Change No. 14 in your facility pursuant to paragraph 3.A. of License No. DPR-3, as amended.

We have reviewed the proposed replacement of the original control rod coupling and drive shaft assemblies with similar devices of a new design and have found that, with the provision that they be appropriately tested prior to service use, operation with the new devices does not present significant hazards considerations not described or implicit in the license application as amended to June 23, 1961, and that there is reasonable assurance that the health and safety of the public will not be endangered by operation of the facility as proposed. A copy of our related hazards analysis is enclosed.

In view of the foregoing, Yankee Atomic Electric Company is hereby authorized under License No. DPR-3 to use the alternate design of control rod drive shaft couplings and drive shaft assemblies described in Yankee's letter dated January 10, 1962 entitled Proposed Change No. 14 provided as follows:

> Two rod assemblies containing couplings of the new design shall be drop tested in the reactor a sufficient number of times, in no case less than five times each, prior to service use, to demonstrate consistency of the test data and the reliability of the coupling mechanisms. To further demonstrate the reliability of the coupling mechanisms, all other such rod assemblies which are installed shall be drop tested at least twice each prior to service use.

Sincerely yours,

Original signed
by R. Lowenstein

Director
Division of Licensing and Regulation

Enclosure:
Hazards Analysis

DL&R	DL&R	DL&R	OGC	DL&R
Edwards/dk	MGaske	RHBryan	[illegible]	Director
4/5/62	4/5/62	4/5/62	4/5/62	4/9

8011060 820 P

Change No. 14