



NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FEB 4 1981

Docket No. 50-29
LS05-81-02-063



Mr. James A. Kay
Senior Engineer - Licensing
Yankee Atomic Electric Company
1671 Worcester Street
Framingham, Mass. 01701

Dear Mr. Kay:

SUBJECT: YANKEE-ROWE - SEP TOPIC VIII-2, DIESEL GENERATORS
REQUEST FOR ADDITIONAL INFORMATION

The enclosed request for additional information has been prepared as part of our evaluation of the diesel generators at Yankee Rowe.

Because these concerns are a part of SEP Topic VIII-2, response within 30 days is requested so that we maintain the present SEP review schedule.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

SE01
S 1/1

DSU USE EX (11)

P 8103120 312

Mr. James A. Kay

cc

Mr. James E. Tribble, President
Yankee Atomic Electric Company
25 Research Drive
Westborough, Massachusetts 01581

Greenfield Community College
1 College Drive
Greenfield, Massachusetts 01301

Chairman
Board of Selectmen
Town of Rowe
Rowe, Massachusetts 01367

Energy Facilities Siting Council
14th Floor
One Ashburton Place
Boston, Massachusetts 02108

Director, Criteria and Standards
Division
Office of Radiation Programs
(ANR-460)
U. S. Environmental Protection
Agency
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region I Office
ATTN: EIS COORDINATOR
JFK Federal Building
Boston, Massachusetts 02203

Resident Inspector
Yankee Rowe Nuclear Power Station
c/o U.S. NRC
Post Office Box 28
Monroe Bridge, Massachusetts 01350

SEP TOPIC VIII-2 FOR YANKEE ROWE
REQUEST FOR ADDITIONAL INFORMATION

Please provide the following clarifications and additional information with regard to your letter of January 20, 1981.

1. For each diesel generator sequence:
 - (a) Name the sequence (e.g., loss of offsite power) and
 - (b) List each load (by name) that is connected at each time step and the motor nameplate current.
2. Provide the technical basis for using an assumed motor efficiency of 95%.
3. Provide the load lists (by name) and load description (including currents) for each load on MCC-1 and MCC-2.
4. Specify the short-time ratings of your diesel generators and provide the basis for this rating.