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

March 6, 1980

Docket No. 50-29

Mr. James A. Kay  
Senior Engineer-Licensing  
Yankee Atomic Electric Company  
25 Research Drive  
Westborough, Massachusetts 01581

Dear Mr. Kay:

RE: ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT  
YANKEE ROWE ATOMIC POWER STATION

Reference 1: Guidelines for evaluating environmental qualification of Class 1E Electrical Equipment in operating reactors - Enclosure 1 to NRC letter to licensees, dated February 15, 1980.

Reference 2: Guidelines for identification of that safety equipment of SEP operating reactors for which environmental qualification is to be addressed - Enclosure 2 to NRC letter to licensees dated February 15, 1980.

In our meeting of February 21, 1980 regarding the subject program, we indicated that an accelerated review schedule was being developed for this program. The schedule is attached as Enclosure 1, which includes the required date for your submittal showing conformance to the qualification guidelines of reference 1.

The information to be provided in your submittal, as required by references 1 and 2, is summarized in Enclosure 2. Where you have previously submitted some of the required information, it is sufficient to incorporate information already on the docket by specific reference. It is not necessary to resubmit. However, an orderly organization of the information should be maintained. For example, if any previously submitted table is changed, revised pages should be submitted.

Enclosure 1 does not show submittal dates for Palisades and Oyster Creek, since the scheduled site visits for these plants precede any practical submittal date. Material provided for these two plants will be upgraded to the level of other plant submittals through a question-and-answer process.

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Mr. James A. Kay

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With respect to containment environmental conditions and systems required for accident mitigation we will request additional information, some of it prior to the dates listed in the enclosure, and provide some clarification of the guidelines.

Sincerely,

*Thomas V. Wambach*

*for* Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosures:  
As stated

Mr. James A. Kay

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cc w/enclosures:

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

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(AW-459)  
U. S. Environmental Protection  
Agency  
Crystal Mall #2  
Arlington, Virginia 20460

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

K M C, Inc.  
ATTN: Richard E. Schaffstall  
1747 Pennsylvania Avenue, N. W.  
Suite 1050  
Washington, D. C. 20006

SEP QUALIFICATION PROGRAM SCHEDULE

<u>Plant</u>	<u>Licensee Submittal Date</u>	<u>Site Visit (week of)</u>	<u>Consultant Final Report</u>
Palisades	Currently under review	1/21	6/30
Oyster Creek	Currently under review	3/10	7/21
Ginna	4/25	5/5	8/4
Zion 2	5/1	5/19*	8/11
Indian Pt. 3	5/1	6/2	8/18
Zion 1	5/1	6/9	8/11
Indian Pt. 2	5/1	6/16	9/2
Millstone 1	6/2	6/23	9/8
Haddam Neck	6/2	7/7	9/15
Dresden 2	6/2	7/14	9/22
San Onofre	6/2	7/21	9/29
Dresden 1	6/2	7/28	10/6
Yankee Rowe	6/2	8/4	10/14
LaCrosse	7/1	8/11	10/20
Big Rock Point	7/1	8/18	10/27

\*Effort will be made to perform a significant portion of the Zion 1 site evaluation at this time.

SEP QUALIFICATION PROGRAM SUBMITTAL CONTENT

1. The emergency procedures and list of safety-related systems addressed in reference 2.
2. The definition of and basis for the hostile service conditions both inside and outside containment addressed in reference 1 section 4.0, Service Conditions.
3. The identification and justification of equipment considered qualified by experience in accordance with reference 1 section 4.3.3, Areas Normally Maintained at Room Conditions.
4. The tabulation of safety-related equipment located in a hostile environment, with identification of the service conditions and qualification testing for each, in the format used for either SEP Topic III-12 or IE Bulletin 79-01B submittals.
5. The list of equipment in the tabulation of item 4 that is not qualified in accordance with the specific requirements of reference 1, together with justification for the deviations from the guidelines.

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Reference 1: Guidelines for evaluating environmental qualification of Class 1E Electrical Equipment in operating reactors.

Reference 2: Guidelines for identification of that safety equipment of SEP operating reactors for which environmental qualification is to be addressed.