

February 15, 2001

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO THE REVIEW OF
THE TEST RESULTS FOR REACTOR VESSEL SURVEILLANCE CAPSULE W,
FOR BRAIDWOOD, UNIT 2; BRAIDWOOD STATION, UNITS 1 AND 2 (TAC
NOS. MA8841, AND MA8842)

Dear Mr. Kingsley:

By letter dated April 26, 2000, as supplemented on June 16, 2000, Exelon Generation Company, submitted the results of the analysis of reactor vessel material surveillance capsule W for Braidwood Station, Unit 2.

During the initial review of the above submittal, we have determined that additional information is required in order for us to complete our review. Please provide the information requested in the enclosed Request for Additional Information (RAI). The questions were provided to your staff on December 13, 2000. Based on the discussions between the two staffs, it was agreed that a response to the RAI would be provided within 30 days of receipt of this letter.

Sincerely,

/RAI/

Mahesh L. Chawla, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457

Enclosure: Request for Additional
Information

cc w/encl: See next page

O. Kingsley
Exelon Generation Company

Braidwood Station
Units 1 and 2

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Braidwood Station
Units 1 and 2

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February 15, 2001

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO THE REVIEW OF
THE TEST RESULTS FOR REACTOR VESSEL SURVEILLANCE CAPSULE W,
FOR BRAIDWOOD, UNIT 2; BRAIDWOOD STATION, UNITS 1 AND 2 (TAC
NOS. MA8841, AND MA8842)

Dear Mr. Kingsley:

By letter dated April 26, 2000, as supplemented on June 16, 2000, Exelon Generation Company submitted the results of the analysis of reactor vessel material surveillance capsule W for Braidwood Station, Unit 2.

During the initial review of the above submittal, we have determined that additional information is required in order for us to complete our review. Please provide the information requested in the enclosed Request for Additional Information (RAI). The questions were provided to your staff on December 13, 2000. Based on the discussions between the two staffs, it was agreed that a response to the RAI would be provided within 30 days of receipt of this letter.

Sincerely,

/RA/

Mahesh L. Chawla, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457

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Information

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ACCESSION NO.: ML010870520

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REQUEST FOR ADDITIONAL INFORMATION
RELATED TO THE REVIEW OF
THE RESULTS OF THE ANALYSIS OF
REACTOR VESSEL MATERIAL SURVEILLANCE CAPSULE W
BRAIDWOOD STATION, UNIT 2
DOCKET NO. STN 50-457

By letter dated April 26, 2000, as supplemented on June 16, 2000, Exelon Generation Company submitted the results of the analysis of reactor vessel material surveillance capsule W for Braidwood Station, Unit 2. The results were documented in Westinghouse Topical Report WCAP-15369. In reviewing the report, the staff has identified the following questions or comments:

1. On page 3-1 of the report, the 3rd and 4th paragraphs refer to " K_{Ic} curve" in several places; these references should be revised to " K_{Ia} curve" for accuracy, as indicated in the same section of WCAP-15316, Rev. 1.
2. The report does not describe the method for monitoring specimen temperature during testing of tensile specimens. Is the methodology used in this report the same as that described on page 5-2 of WCAP-15316, Rev. 1?
3. Figures 5-1 to 5-12 (pages 5-17 to 5-28) indicate that the fluences for all of the plotted data are 0 (including that for the surveillance capsules). This appears to be in conflict with the fluences reported elsewhere in the report. Please indicate which is correct.
4. The recommended surveillance capsule removal schedule on page 7-1 indicates a change from that of the prior surveillance capsule report (WCAP-14228), specifically, with the recommendation to place capsule Z in a standby mode. Does the licensee plan to implement this recommendation, and if so how will this be implemented? (This question also applies to WCAP-15316, Rev. 1, for Braidwood Unit 1.)