

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

August 31, 2001

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING REQUEST BY  
EXELON GENERATION COMPANY TO MODIFY THE DRESDEN NUCLEAR  
POWER STATION, UNITS 2 AND 3 REACTOR VESSEL SURVEILLANCE  
CAPSULE WITHDRAWAL SCHEDULES [TAC NOS.: MB2087 AND MB2088]

Dear Mr. Kingsley:

By letter dated May 23, 2001, Exelon Generation Company (EGC) submitted for Nuclear Regulatory Commission review and approval, a request to modify the Dresden Nuclear Power Station, Units 2 and 3 reactor pressure vessel surveillance capsule withdrawal schedules. The proposed change would defer the withdrawal of the next Dresden, Unit 2 surveillance capsule from the facility's scheduled refueling outage in October 2001, until the facility's October 2003 refueling outage. The proposed change would also defer the withdrawal of the next Dresden, Unit 3 surveillance capsule from the facility's scheduled refueling outage in October 2002 until the facility's October 2004 refueling outage. EGC's submittal was made in accordance with the provision of Appendix H to Title 10 of the Code of Federal Regulations, Part 50, paragraph B.3 which specifies that "[a] proposed withdrawal schedule must be submitted with a technical justification as specified in [10 CFR 50.4]. The proposed schedule must be approved prior to implementation."

The staff has reviewed the information submitted by the licensee, and has developed the questions in the enclosed request for additional information (RAI). The RAI was discussed with the licensee, by telephone, on August 23, 2001. The licensee has agreed to provide responses to this RAI by Friday, September 14, 2001.

Sincerely,

*/RA/*

Lawrence W. Rossbach, Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-237 and 50-249

Enclosure: Request for Additional Information

cc w/encl: See next page

O. Kingsley  
Exelon Generation Company, LLC

Dresden Nuclear Power Station  
Units 2 and 3

cc:

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O. Kingsley  
Exelon Generation Company, LLC

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Dresden Nuclear Power Station  
Units 2 and 3

Mr. R. M. Krich  
Director - Licensing  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
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Mr. Robert Helfrich  
Senior Counsel, Nuclear  
Mid-West Regional Operating Group  
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Mr. Oliver D. Kingsley, President August 31, 2001  
Exelon Nuclear  
Exelon Generation Company, LLC  
Executive Towers West III  
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SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE REQUEST BY EXELON GENERATION COMPANY TO MODIFY THE DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3 REACTOR VESSEL SURVEILLANCE CAPSULE WITHDRAWAL SCHEDULES [TAC NOS.: MB2087 AND MB2088]

Dear Mr. Kingsley:

By letter dated May 23, 2001, Exelon Generation Company (EGC) submitted for Nuclear Regulatory Commission review and approval, a request to modify the Dresden Nuclear Power Station, Units 2 and 3 reactor pressure vessel surveillance capsule withdrawal schedules. The proposed change would defer the withdrawal of the next Dresden, Unit 2 surveillance capsule from the facility's scheduled refueling outage in October 2001 until the facility's October 2003 refueling outage. The proposed change would also defer the withdrawal of the next Dresden, Unit 3 surveillance capsule from the facility's scheduled refueling outage in October 2002 until the facility's October 2004 refueling outage. EGC's submittal was made in accordance with the provision of Appendix H to Title 10 of the Code of Federal Regulations, Part 50, paragraph B.3 which specifies that "[a] proposed withdrawal schedule must be submitted with a technical justification as specified in [10 CFR 50.4]. The proposed schedule must be approved prior to implementation."

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Lawrence W. Rossbach, Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-237 and 50-249

Enclosure: Request for Additional Information

cc w/encl: See next page

**ADAMS ACCESSION NO.: ML012410373**

\*See previous concurrence

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|--------|-----------|----------|-----------|-----------|
| OFFICE | PM:PD3/2  | LA:PD3/2 | SC:EMCB   | SC:PD3/2  |
| NAME   | LRossbach | THarris  | *KWichman | AMendiola |
| DATE   | 08/31/01  | 08/31/01 | 08/31/01  | 08/31/01  |

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REQUEST FOR ADDITIONAL INFORMATION REGARDING  
REQUEST TO AMEND FACILITY'S REACTOR PRESSURE VESSEL  
SURVEILLANCE CAPSULE WITHDRAWAL SCHEDULE  
DRESDEN NUCLEAR POWER STATION UNIT 2 AND UNIT 3  
EXELON GENERATION COMPANY  
DOCKET NOS.: 50-237 AND 50-249

1. In order for the staff to independently verify the statement in your May 23, 2001, submittal, that the projected Charpy shifts for the Dresden Nuclear Power Station, Units 2 and 3 surveillance materials will not exceed the scatter inherent in the Charpy test method, provide the following:
  - a. The best-estimate projection of the fluence for the next Dresden, Unit 2 surveillance capsule at the time of refueling outage D2R17 (October 2001).
  - b. The best-estimate projection of the fluence for the next Dresden, Unit 2 surveillance capsule at the time of refueling outage D2R18 (October 2003).
  - c. The best-estimate projection of the fluence for the next Dresden, Unit 3 surveillance capsule at the time of refueling outage D3R17 (October 2002).
  - d. The best-estimate projection of the fluence for the next Dresden, Unit 3 surveillance capsule at the time of refueling outage D3R18 (October 2004).

Staff requests docketable clarification for both plants. If a best-estimate method and baseline reference are used to answer this question, Nuclear Regulatory Commission (NRC) staff has Ref. 1 and 2, mentioned in the phone conversation on August 23, 2001, between NRC staff and Exelon.

References:

- [1] E. B. Norris, "Dresden Nuclear Power Station Unit 2 Reactor Vessel Irradiation Surveillance Program Analysis of Capsule No. 8," SwRI #06-6901-002, March 1983.
- [2] E. B. Norris, "Dresden Nuclear Power Station Unit 3 Reactor Vessel Irradiation Surveillance Program Analysis of Capsule No. 18," SwRI #06-7484-003, February 1984.