

APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

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(See Instructions on Reverse)

1. APPLICANT'S USE, a. DATE OF APPLICATION, b. APPLICANT'S REFERENCE, 2. NRC USE, a. DOCKET NUMBER 11005568, b. LICENSE NUMBER XSNM03408

3. APPLICANT'S NAME AND ADDRESS, a. NAME Exelon Generation Company, LLC (EGC)

b. STREET ADDRESS (Facility Site) 4300 Winfield Road

c. CITY Warrenville, d. STATE IL, e. ZIP CODE 60555

f. TELEPHONE NUMBER (630) 657-2816, g. FAX (630) 657-4327, h. E-MAIL, c. CITY Braceville, d. STATE IL, e. ZIP CODE 60407

5. FIRST SHIPMENT SCHEDULED, 6. FINAL SHIPMENT SCHEDULED, 7. APPLICANT'S CONTRACTUAL DELIVERY DATE, 8. PROPOSED LICENSE EXPIRATION DATE 12/31/2006, 9. CONTRACT NO.

10. ULTIMATE FOREIGN CONSIGNEE, a. NAME Studsvik Nuclear AB

b. STREET ADDRESS (Facility Site) S-611 82

c. CITY Nykoping, d. COUNTRY Sweden

11. ULTIMATE END USE (include plant or facility name) Six (6) irradiated fuel rods are being exported to Studsvik Nuclear AB for testing and ultimate disposal.

12. INTERMEDIATE FOREIGN CONSIGNEE, a. NAME None

b. STREET ADDRESS (Facility Site) N/A

c. CITY N/A, d. COUNTRY N/A

13. INTERMEDIATE END USE, 13a. DATE REQUIRED

14. INTERMEDIATE FOREIGN CONSIGNEE, a. NAME None

b. STREET ADDRESS (Facility Site) N/A

c. CITY N/A, d. COUNTRY N/A

15. INTERMEDIATE END USE, 15a. DATE REQUIRED

16. COM CODE, 17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)

Irradiated uranium (U) 235 and plutonium (Pu) contained in [redacted]. The [redacted] are encapsulated in [redacted] zircaloy clad fuel rods.

18. MAX. ELEMENT WEIGHT, 19. MAX. WT. %, 20. MAX. ISOTOPE WEIGHT, 21. UNIT

22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary) Canadian obligated material - [redacted] of U235 in a total of [redacted] U and [redacted] of Pu.

23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) N/A

24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.

25. AUTHORIZED OFFICIAL, a. SIGNATURE Joseph A. Bauer for, b. TITLE Director - Licensing and Regulatory Affairs (EGC)

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1100 5568
10 CFR 110.31

June 17, 2005

RS-05-077

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Application for License to Export Nuclear Material

In accordance with 10 CFR 110.31, "Application for a specific license," Exelon Generation Company, LLC is submitting an application for a specific license to export irradiated fuel rods for testing purposes to a facility in Sweden. Enclosed is a completed NRC Form 7, "Application for License to Export Nuclear Material and Equipment."

Also, in accordance with the fee schedule in 10 CFR 170.31, "Schedule of fees for materials licenses and other regulatory services, including inspections, and import and export licenses," an Automated Clearinghouse Network fund transfer was processed on June 17, 2005 in the amount of \$5,900.00, to support this export license application.

If you have any questions about this application, please contact David Chrzanowski at (630) 657-2816.

Respectfully,

Joseph A. Bauer for

Keith R. Jury
Director – Licensing and Regulatory Affairs
Exelon Generation Company, LLC

Enclosure: NRC Form 7

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