

10 CFR 72.212

RS-13-199

August 12, 2013

ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Limerick Generating Station, Units 1 and 2
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352, 50-353, and 72-065

Subject: Registration of Use of Cask to Store Spent Fuel

In accordance with 10 CFR 72.212, "Conditions of general license issued under §72.210," paragraph (b)(2), Exelon Generation Company, LLC (EGC) is registering, with the NRC, the use of two casks under the general license to store spent fuel at Limerick Generating Station (LGS). The casks were placed into service with stored spent fuel on July 13, 2013, and July 19, 2013, respectively. This registration is required to be submitted within 30 days. Accordingly, this submittal is due by August 12, 2013.

The following information is provided in accordance with 10 CFR 72.212(b)(2).

Licensee Name:	Exelon Generation Company, LLC
Licensee Address:	Limerick Generating Station 3146 Sanatoga Road Pottstown, PA 19464
Reactor License Numbers:	NPF-39 and NPF-85
Reactor Docket Numbers:	50-352, 50-353
Independent Spent Fuel Storage Installation Docket Number:	72-065
Contact Name and Title:	P. R. Simpson Manager - Licensing

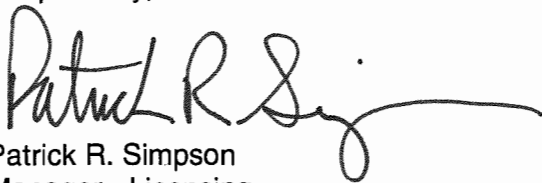
Cask Certificate Number:	1004, Amendment 10
Cask Model Number:	NUHOMS-61BTH
HSM Model Number:	HSM-H
Service Date:	July 13 2013
Cask Identification Number:	LGS-61BTH1-D-2-027
HSM Identification Number:	HSM-043
Service Date:	July 19, 2013
Cask Identification Number:	LGS-61BTH1-D-2-028
HSM Identification Number:	HSM-042

In addition, this letter provides the results of the thermal performance assessment of the first Dry Storage Canister (DSC) placed into service in an HSM-H type cask. This information is required by Certificate of Compliance (CoC) No. 1004, Amendment No.10, Attachment A, "Technical Specifications" (TS) 1.1.7, "Special Requirements for First System in Place."

TS 1.1.7 also requires the submittal of the same information for subsequently loaded DSCs with higher heat loads. The attachment to this letter provides the information required by TS 1.1.7 for the two DSCs listed above. This information was obtained using LGS procedure ST-6-114-360-0, "Independent Spent Fuel Storage Installation (ISFSI) Technical Specification Testing."

Should you have any questions, please contact Mr. John L. Schrage at (630) 657-2821.

Respectfully,



Patrick R. Simpson
Manager - Licensing

Attachment: Thermal Performance Assessment Data, Limerick Generating Station,
Independent Spent Fuel Storage Installation, 2013 Dry Cask Storage Campaign

cc: NRC Regional Administrator - Region I

Attachment
Thermal Performance Assessment Data
Limerick Generating Station
Independent Spent Fuel Storage Installation
2013 Dry Cask Storage Campaign

Dry Storage Canister Number	LGS-61BTH1-D-2-027
Horizontal Storage Module Number	HSM-043
Maximum Allowable Heat Load	19.40 kW
Actual Loaded Heat Load	13.46 kW
Calculated Temperature Rise	43.0° F
Measured Temperature Rise	19.1° F

Dry Storage Canister Number	LGS-61BTH1-D-2-028
Horizontal Storage Module Number	HSM-042
Maximum Allowable Heat Load	19.40 kW
Actual Loaded Heat Load	13.70 kW
Calculated Temperature Rise	42.0° F
Measured Temperature Rise	29.7° F