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RS-06-120

August 28, 2006

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

Quad Cities Nuclear Power Station, Units 1 and 2
Renewed Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254, 50-265, and 72-53

Subject: Registration of Use of Casks to Store Spent Fuel

In accordance with 10 CFR 72.212, "Conditions of general license issued under §72.210," paragraph (b)(1)(ii), we are registering with the NRC the use of two casks under the general license to store spent fuel at Quad Cities Nuclear Power Station. The initial use of these casks to store spent fuel occurred on August 3, 2006, and August 13, 2006, respectively. This registration is required to be submitted within 30 days of initial use. Accordingly, this submittal is due by September 5, 2006, for the first cask and September 12, 2006, for the second cask.

The following information is provided in accordance with 10 CFR 72.212(b)(1)(ii).

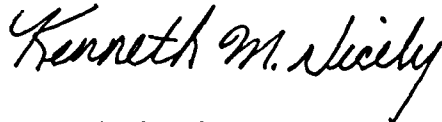
Licensee Name	Exelon Generation Company, LLC
Licensee Address	Quad Cities Generating Station 22710 206th Avenue North Cordova, IL 61242-9740
Reactor License Number	DPR-29 and DPR-30
Reactor Docket Number	50-254, 50-265, and 72-53
Contact Person and Title	David Gullott Licensing Engineer

NM5501

Cask Certificate Number	1014, Amendment No. 2
Cask Model Number	HI-STORM 100S, Version B
Cask Identification Number (Cask loaded on August 3, 2006)	Multi-Purpose Canister Type 68 Serial No. 136 HI-STORM 100S Serial No. 179
Cask Identification Number (Cask loaded on August 13, 2006)	Multi-Purpose Canister Type 68 Serial No. 130 HI-STORM 100S Serial No. 175

Should you have any questions, please contact Mr. David Gullott at (630) 657-2819.

Respectfully,



Kenneth M. Nicely
Manager – Licensing

cc: NRC Regional Administrator – Region III