

RS-06-112

July 31, 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 July 13, 2006, and July 25, 2006, respectively. This registration is required to be submitted within 30 days of initial use. Accordingly, this submittal is due by August 14, 2006, for the first cask and August 24, 2006, for the second cask.

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

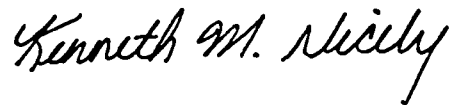
Licensee Name	Exelon Generation Company, LLC
Licensee Address	Quad Cities Nuclear Power Station, Units 1 and 2 22710 206th Avenue North Cordova, IL 61242-9740
Reactor License Number	DPR-29 and DPR-30
Reactor Docket Number	50-254, 50-265, and 72-53
Contact Person and Title	David Gullott Licensing Engineer

NM5501

Cask Certificate Number	1014, Amendment No. 2
Cask Model Number	HI-STORM 100S, Version B
Cask Identification Number (Cask loaded on July 13, 2006)	Multi-Purpose Canister Type 68 Serial No. 138 HI-STORM 100S Serial No. 180
Cask Identification Number (Cask loaded on July 25, 2006)	Multi-Purpose Canister Type 68 Serial No. 135 HI-STORM 100S Serial No. 176

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

Respectfully,



Kenneth M. Nicely  
Manager – Licensing