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U.S. Nuclear Regulatory Commission
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Washington, DC 20555-0001

Braidwood Station, Units 1 and 2
Facility Operating License Nos. NPF-72 and NPF-77
NRC Docket Nos. STN 50-456 and STN 50-457

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Clinton Power Station
Facility Operating License No. NPF-62
NRC Docket No. 50-461

Dresden Nuclear Power Station, Units 1, 2 and 3
Facility Operating License No. DPR-2
Renewed Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-10, 50-237 and 50-249

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

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

Zion Nuclear Power Station, Units 1 and 2
Facility Operating License Nos. DPR-39 and DPR-48
NRC Docket Nos. 50-295 and 50-304

Subject: Hydrogeologic Investigation Reports

Exelon Generation Company, LLC (Exelon) and AmerGen Energy Company, LLC (AmerGen) conducted a fleet-wide groundwater assessment regarding tritium and other radionuclides. Hydrogeologic Investigation Reports that document the methodology and results of these groundwater assessments for our nuclear stations located in Illinois were provided on CD-ROMs to representatives of the NRC Region III office.

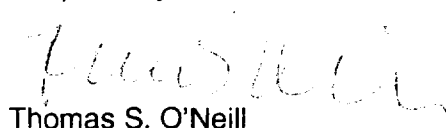
The non-public version of these reports includes figures that contain security-related sensitive information. Specifically, such figures contain details of structures and equipment located at the nuclear stations that Exelon and AmerGen consider sensitive, unclassified non-safeguards information. Each such figure has been marked with the following designation:

SECURITY-RELATED INFORMATION
WITHHOLD FROM PUBLIC DISCLOSURE
UNDER 10 CFR 2.390 AND
5 ILCS 140/7(1)(a) & (mm)

Accordingly, Exelon and AmerGen request this information be withheld from public disclosure in accordance with 10 CFR 2.390(d)(1), "Public inspections, Exemptions, Requests for Withholding." A version of these reports that is suitable for public disclosure was also provided on CD-ROM to representatives of the NRC Region III office.

If you have any questions about this matter, please contact Kenneth Ainger at (630) 657-2800.

Respectfully,



Thomas S. O'Neill
Vice President – Regulatory and Legal Affairs
Exelon Generation Company, LLC
AmerGen Energy Company, LLC

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Braidwood Station
NRC Senior Resident Inspector – Byron Station
NRC Senior Resident Inspector – Clinton Power Station
NRC Senior Resident Inspector – Dresden Nuclear Power Station
NRC Senior Resident Inspector – LaSalle County Station
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station