Exelon Nuclear www.exeloncorp.com Peach Bottom Atomic Power Station 1848 Lay Rd. Delta, PA 17314

10 CFR 72.212(b)(1)(ii)

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June 20, 2011

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

> Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3 Facility Operating License Nos. DPR-44 and DPR-56 NRC Docket Nos. 50-277, 50-278 and 72-29 (ISFSI)

Subject: Submittal of Registration for Independent Spent Fuel Storage Installation (ISFSI) Casks #53 and #54

In accordance with 10CFR72.212, this letter documents that the following cask(s) were loaded with spent nuclear fuel:

| Cask Certificate | Amendment | Cask Model | Cask Identification | Date Loaded |
|------------------|-----------|------------|---------------------|-------------|
| No. | No. | No. | No. | |
| 1027 | 0 | TN-68 | TN-68-53-A | 6/07/11 |
| 1027 | 0 | TN-68 | TN-68-54-A | 6/14/11 |

Additional information concerning spent fuel storage under this general license may be obtained by contacting Dave Foss, at 717-456-4311.

Sincerely,

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Garey L. Stathes Plant Manager, Peach Bottom Atomic Power Station Exelon Generation Company, LLC

cc: US NRC, Administrator, Region 1 US NRC, Senior Resident Inspector Commonwealth of Pennsylvania

CCN 11-52

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