

**U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 36, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s); and to import such byproduct and source material. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Public Service Electric and Gas Company Philadelphia Electric Company 2. Delmarva Power and Light Company Atlantic City Electric Company 80 Park Place Newark, New Jersey 07101		3. License number SNM-1831
		4. Expiration date August 31, 1980, or upon *
		5. Docket or Reference No. 070-02858
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Uranium enriched in the U-235 isotope	A. In unirradiated reactor fuel assemblies	A. 2,428 kilograms of U-235 at an enrichment not to exceed 3.15%
B. Uranium enriched in the U-235 isotope	B. In incore detectors	B. 120 milligrams of U-235 at any enrichment
C. U-238	C. In flux dosimeters	C. 12 milligrams U-238
D. Np-237	D. In flux dosimeters	D. 18 milligrams Np-237
E. Cf-252 and associated isotopes	E. In encapsulated Pd-Cf ₂ O ₃ neutron sources	E. 500 millicuries

* conversion of Construction Permit No. CPPR-53 to an operating license, whichever is earlier.

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Supplementary Sheet

License Number SNM-1831

Docket or

Reference No. 070-02858

9. Authorized use

For receipt, possession, inspection, use and storage, and for the packaging of fuel for delivery to a carrier in accordance with the statements, representations and conditions specified in the licensee's application dated April 12, 1978, and the supplements thereto dated April 28, June 22, July 19, and September 6 and 22, 1978, subject to the following additional conditions.

CONDITIONS

10. Authorized place of use:

The licensee's Salem Nuclear Generating Station, Unit 2, located in Salem County, New Jersey.

11. As a condition of this license no more than one fuel assembly may be out of approved shipping containers or storage racks at any one time.
12. As a further condition of this license all fuel assemblies shall be stored in storage racks which provide minimum center-to-center and edge-to-edge spacings of 21" and 12.5" respectively.
13. As a further condition of this license the licensee shall comply with the attached, "License Condition for Leak Testing Sealed Byproduct Material Sources".
14. The licensee is hereby exempted from the provisions of 10 CFR 70.24 insofar as this section applies to materials held under this license.

Date OCT 4 1978

For the U. S. Nuclear Regulatory Commission

by W. F. Caw

Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555