

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 I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 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). 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.

<p style="text-align: center;">Licensee</p> <p>1. Dominion Engineering, Inc.</p> <p>2. 11730 Plaza America Drive # 310 Reston, Virginia 20190</p>	<p>In accordance with the letter dated August 8, 2008,</p> <p>3. License number 45-25616-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2013</p> <hr/> <p>5. Docket No. 030-36191 Reference No.</p>
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| 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. Any byproduct material with atomic numbers 1 through 96 | A. Powder, sludge, liquid and/or fixed activity on steam generator tubes or piping | A. Not to exceed one (1) microcurie (uCi) per radionuclide, except cobalt-60 not to exceed 100 uCi; not to exceed 150 uCi total activity for all radionuclides |

9. Authorized use:
- A. For possession incident to receipt of specimens of heat exchanger liquid, sludge, deposits and/or flakes, and steam generator tube specimens from commercial pressurized-water nuclear reactor plants for testing and analysis.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 11505 Sunset Hills Road, Reston, Virginia.
11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in the application dated December 19, 2002.

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12. The Radiation Safety Officer for this license is John B. Davis, CHP.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
15. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:
- A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding and removes or obliterates all radiation labels.
 - B. Holds waste to be disposed of in this manner for decay a minimum of 10 half-lives.
 - C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclide disposed, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated December 19, 2002 (ML030860383)
 - B. Letter dated September 23, 2003 (ML032680958)
 - C. Letter dated August 8, 2008 (ML082210321)



For the U.S. Nuclear Regulatory Commission

Date August 8, 2008

By

Original signed by Jenny JohansenJenny Johansen
Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406