


**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

Licensee		In accordance with letter dated <b>May 24, 2007,</b>
1. <b>Entergy Nuclear Operations, Inc.</b> <b>Palisades Nuclear Plant</b>		3. License number 21-08606-08 is amended in its entirety to read as follows:
2. 27780 Blue Star Memorial Highway Covert, MI 49043		4. Expiration date October 31, 2010
		5. Docket No. 030-15263 Reference No.
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 Nos. 1 through 83, inclusive	A. Contamination in or on reactor equipment, components and samples 	A. Not to exceed $10^3 \times 10$ CFR Part 20 Appendix C limits for each radionuclide. Total possession not to exceed $R/10^3$ is less than or equal to 1; R is the sum of the ratios of the quantity of each radionuclide to the applicable value in 10 CFR Part 20 Appendix C.
9. Authorized Use:		
A. Repair, modification, maintenance, inspection, testing, and decontamination of reactor equipment and components and analysis of reactor samples.		

**CONDITIONS**

10. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. Licensed material shall be used by, or under the supervision and in the physical presence of, any individual who has been trained in accordance with letter dated May 24, 2006 (with attachment).
12. The Radiation Safety Officer for this license is **David R. Nestle, CHP.**

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SUPPLEMENTARY SHEET**License Number  
21-08606-08Docket or Reference Number  
030-15263

Amendment No. 11

13. When monitoring personnel for contamination, the licensee shall insure that the "final" monitoring station is located in an area in which radiation levels do not exceed those of natural background.
14. The licensee shall provide each authorized user with procedures to be followed in the event of personnel contamination or other emergency situations which may result in increased radiation exposure.
15. The licensee shall remove all radioactive components and waste material from the vendor's facilities upon completion of the work. Residual contamination levels shall not exceed those specified in Table 1, Regulatory Guide 1.86, "Termination of Operation Licenses for Nuclear Reactors," June 1974 and every reasonable effort shall be made to return the vendor's facilities to the original, uncontaminated state.
16. Notwithstanding the requirements of Conditions 11., 13., 14., and 15., for temporary job sites located at the Palisades Nuclear Plant, the licensee shall follow the approved radiation protection procedures for each plant.
17. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. 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. Letter and attached application dated August 23, 2000; and
- B. Letters dated April 11, 1994 (as it pertains to section titled "Discussion" concerning the Kleiber & Schulz, Inc. Decontamination Unit and section titled "Radiation Safety Program"), May 24, 2006, May 24, 2007 and September 04, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 05 2007By Loren J. Hueter  
Loren J. Hueter  
Materials Licensing Branch  
Region III