

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.

[Handwritten signatures and numbers: "HOD", "PC 21325", "316508"]

<p style="text-align: center;">Licensee</p> <p>1. Battelle Memorial Institute</p> <p>2. 505 King Avenue Columbus OH 43201-2693</p>	<p>In accordance with the letter dated September 10, 2007,</p> <p>3. License number SNM-7 is amended in its entirety as follows:</p> <hr/> <p>4. Expiration date November 30, 2007</p> <hr/> <p>5. Docket No. 070-00008</p> <p>Reference No. R-4/050-00006</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium (as defined in 10 CFR Part 150.11)</p> <p>B. Plutonium (as defined in 10 CFR Part 150.11)</p>	<p>7. Chemical and/or physical form</p> <p>A. Any (residual material containing special nuclear, source, and byproduct materials)</p> <p>B. Any (residual material containing special nuclear, source, and byproduct materials)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As described in letter dated February 5, 1999, and July 18, 2002 (<i>Clarification of License Possession Limits</i>)</p> <p>B. As described in letters dated February 5, 1999, and July 18, 2002 (<i>Clarification of License Possession Limits</i>)</p>
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9. Authorized places of Use:

A. and B. Possession incident to radiological survey, storage of waste awaiting disposal, decontamination and remediation of buildings, equipment, and materials, and outdoor areas, as described in the licensee's approved Decommissioning Plan.

CONDITIONS

- 10. Licensed material shall be possessed and processed at the licensee's facilities located at the Battelle West Jefferson North Site, 1425 Plain City-Georgeville Road, State Route 142, West Jefferson, Ohio.
- 11. The Battelle Columbus Laboratories Decommissioning Project (BCLDP) Radiation Safety Officer (RSO), responsible for over-sight and supervision of the licensee's decommissioning program's radiation protection program, is Joseph D. Jacobsen.
- 12. The BCLDP RSO, Joseph D. Jacobsen, and Patrick J. Weaver, BMI BCLDP Project Manager (PM), are responsible for the day-to-day oversight of the West Jefferson decontamination and decommissioning work. Qualified designee(s) appointed to periodically act in lieu of the BCLDP RSO and BMI PM must be approved in writing by the BCLDP RSO and BMI PM. Records of these approvals must be maintained for inspection by the NRC.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
SNM-00007

Docket or Reference Number
070-00008

Amendment No. 34

13. The BCLDP RSO and BMI BCLDP Project Manager or approved designee(s) (BMI employees or BMI contractors) shall maintain a written log of daily observations of decontamination and decommissioning activities when being conducted under the authority of the BMI Decommissioning Plan. Records of the BMI daily logs, and BMI "Management Walk-downs" conducted in accordance with licensee's procedure MA-AP-20.1 shall be maintained for review during NRC inspection.
14. 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. Applications dated April 14, 2000, August 28, 2002, and June 6, 2003..
- B. Response to Request for Information, *Renewal Application License SNM-00007,, Docket No. 070-00008, attached to letter dated August 22, 2000,, response to NRC Staff Review Comments, BCLDP Decommissioning Plan dated May 30, 2000, Revision 1, and response to NRC comments dated October 30, 2003, attached to letter dated November 17, 2003..*
- C. Letters dated February 5, 1999 (*containing Clarification of License Possession Limits*), with HP-AP-36.0, Revision 10, *Control of Revisions to Radiation Protection Documents*, and QD-AP-6.1, Revision 10, *Document Control*, attached, July 18, 2002, August 22, 2000 with Radiation Protection Program Plan, Battelle Columbus Laboratories Decommissioning Project, DD-90-02, Revision 4, January 23, 2003, attached, August 23, 2002, and January 29, 2003, and letter dated October 17, 2003 with Decommissioning Plan, Battelle Memorial Institute Columbus Operation, DD-93-19, Revision 5, dated October 16, 2003, attached (excluding mechanism to revise financial assurance), April 23, 2004, December 17, 2004, October 27, 2005, August 3, 2006, November 1, 2006, May 15, 2007, and September 10, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 11 2007

By



George M. McCann
Decommissioning Branch
NRC, Region III