

**MATERIALS LICENSE**

Amendment No. 10

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, 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**

1. Interstate Nuclear Service Corporation
2. 401 North Third Avenue  
Royersford, Pennsylvania 19468

In accordance with letter dated August 24, 1990,  
3. License number 37-23341-01 is amended in its entirety to read as follows:

4. Expiration date August 31, 1994

5. Docket or Reference No. 030-20934

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| <p>6. Byproduct, source, and/or special nuclear material</p> <ol style="list-style-type: none"> <li>A. Any byproduct material with Atomic Nos. 1-83</li> <li>B. Any byproduct material with Atomic Nos. 84-102</li> <li>C. Any special nuclear material</li> <li>D. Any source material</li> <li>E. Any byproduct material with Atomic Nos. 1-96</li> </ol> | <p>7. Chemical and/or physical form</p> <ol style="list-style-type: none"> <li>A. Contaminated material and associated decontaminated waste</li> <li>B. Contaminated material and associated decontaminated waste</li> <li>C. Contaminated material and associated decontaminated waste</li> <li>D. Contaminated material and associated decontaminated waste</li> <li>E. Any</li> </ol> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <ol style="list-style-type: none"> <li>A. 2.5 curies except as limited by Condition 15</li> <li>B. 10 millicuries</li> <li>C. 350 grams as U-235, 220 grams as Pu-239, or any combination where total grams of U-235/350 plus total grams of Pu-239/220 is less than or equal to one</li> <li>D. 10 kilograms</li> <li>E. 1 millicurie</li> </ol> |
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**9. Authorized use**

- A. through D. For the collection, laundering and decontamination of contaminated clothing and other launderable non-apparel items and for the possession of contaminated equipment in the licensee's portable laundry unit.
- E. For use as calibration standards, for calibrating radiation detection and measuring instruments.

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**CONDITIONS**

10. Licensed material shall be used only at the licensee's facility at 401 North Third Avenue, Royersford, Pennsylvania except that contaminated items may be picked up, received and possessed in licensee's transportation vehicles. Contaminated equipment in the licensee's portable laundry unit may be possessed anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

**OFFICIAL RECORD COPY ML 10**

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

37-23341-01

Docket or Reference number

030-20934

Amendment No. 10

(Continued)

**CONDITIONS**

11. A. Licensed material shall be used by, or under the supervision of, Harry G. Barnes, Michael Rahilly, Leslie Case, Michael Bovino, John Badey, Victor Crusselle, Brian Fischer, Ira Turner, and George Bakevich.  
  
B. The Radiation Safety Officer for this license is Harry G. Barnes.
12. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".
13. This license does not authorize the packaging nor possession of radioactive waste except that generated as a result of the laundering activities performed in the licensee's permanent laundry facility located at North Third Avenue, Royersford, Pennsylvania.
14. This license does not authorize the laundering of contaminated items at temporary job sites of the licensee nor at customer facilities except as specifically authorized pursuant to the terms and conditions of specific licenses issued to customers of the licensee by the U. S. Nuclear Regulatory Commission or an Agreement State.
15. If only a single radionuclide specified in 10 CFR 30.72, Schedule C, is possessed, the possession limit shall then be the quantity specified in Schedule C. If two or more radionuclides are possessed, then the possession limit for each shall be determined as follows: the sum of the quotients of the quantities possessed, divided by the quantities of those radionuclides specified in Schedule C shall not exceed unity.
16. The licensee shall comply with the procedures described in the licensee's letter dated May 18, 1989 for maintaining releases to unrestricted areas as low as reasonably achievable. The licensee shall investigate the cause and take corrective actions whenever the concentration of radioactive material in releases to unrestricted areas averaged over a twelve-month period exceeds ten percent of the limits in 10 CFR 20.106. The licensee shall maintain a record of these corrective actions.
17. The licensee shall, within 90 days following the end of each calendar quarter, submit to the Nuclear Regulatory Commission, 475 Allendale Road, King of Prussia, Pennsylvania 19406, a report which provides the total volume of water and the concentration of each radionuclide discharged during that calendar quarter to the sanitary sewer and in releases to unrestricted areas. The report shall include the information in, and be in a format equivalent to, the report described in the licensee's letter dated May 18, 1989.

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(Continued)

**CONDITIONS**

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 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 June 15, 1987
- B. Letter dated October 29, 1987
- C. Letter dated July 27, 1988
- D. Letter dated January 13, 1989
- E. Letter dated October 21, 1988
- F. Letter dated February 14, 1989
- G. Letter dated May 18, 1989
- H. Application dated January 6, 1989
- I. Application dated November 30, 1989
- J. Telefax received May 10, 1990
- K. Telefax received May 17, 1990
- L. Letter dated April 3, 1991

Date

MAY 03 1991

For the U.S. Nuclear Regulatory Commission

Original Signed By:

By Francis M. Costello

Nuclear Materials Safety Branch  
Region I

King of Prussia, Pennsylvania 19406