

MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense number
SNM-1558Docket or Reference number
070-02003

Amendment No. 09

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Hibbing Taconite Company
Pickands Mather & Company,
Managing Agent
P.O. Box 589
Hibbing, MN 55746

In accordance with letter dated December 27, 1984, License Number SNM-1558 is amended as follows:

Items 6., 7., 8., and 9. are amended to add:

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

C. Plutonium-238

C. Encapsulated as
Pu-Be source (Monsanto
Research Corporation)

C. One source not
to exceed 3 grams

D. Cesium-137

D. Sealed source
(Texas Nuclear Corporation
Dwg. No. 570-57157C)

D. One source not
to exceed 500
millicuries

E. Americium-241

E. Sealed source
(Texas Nuclear Corporation
Model No. AMK-312)

E. One source not
to exceed 50
nanocuries

9. Authorized Use

C. To be used in Texas Nuclear Corporation NOLA I System received from Reserve Mining Company, NRC License No. SNM-1562 for sample analysis.

D. To be used in Texas Nuclear Corporation Model 5176 source holder in NOLA I system received from Reserve Mining Company, NRC License No. SNM-1562 for sample analysis.

E. To be used in Texas Nuclear Corporation NOLA I system received from Reserve Mining Company, NRC License No. SNM-1562 for internal stabilization.

Conditions 10. and 16. are amended to read:

10. A. Licensed material listed in Subitem 6.A. and 6.C. through 6.E. shall be used only at Hibbing Taconite Company, Concentrator Analytical Laboratory, Hibbing, Minnesota.

B. Licensed material listed in Subitem 6.B. shall be used only at Hibbing Taconite Company, Agglomerating Plant, Hibbing, Minnesota.

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16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in letters dated April 3, 1980, October 11, 1982, and December 27, 1984. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

Conditions 13.E., 17., and 18. are added:

13. E. Tests for leaking and/or contamination of sources listed in Subitem 6.C. through 6.E. shall be performed by individuals specified in Condition 12. and in accordance with procedures specified in letter dated December 27, 1984.
17. Installation, relocation, removal from service, maintenance, repair, and initial radiation survey of devices containing licensed material listed in Subitems 6.C. through 6.E. and installation, replacement, and disposal of sealed sources containing licensed material used in devices shall be performed only by Texas Nuclear Corporation or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
18. Irradiate cell check and removal procedures for the Texas Nuclear NOLA I system listed in Subitems 9.C. through 9.E. shall be performed by individuals specified in Condition 12. in accordance with procedures specified in letter dated December 27, 1984. In performing these procedures, the licensee shall:
- a. Have each individual performing receive detailed safety instructions from the device manufacturer's representative authorized to conduct training.
 - b. Perform a radiation survey with a properly calibrated survey meter of the irradiate cell area and activation products during the procedures.

For the U.S. Nuclear Regulatory Commission

Date July 17, 1985

Original Signed
By Bruce S. Mallett
Materials Licensing Section, Region III

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