

**REPORT OF PROPOSED ACTIVITIES IN
NON-AGREEMENT STATES, AREAS OF EXCLUSIVE
FEDERAL JURISDICTION, OR OFFSHORE WATERS**

(Please read the instructions before completing this form)

Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)
SenTek Corporation

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
**4233 Eastland Square Drive
Columbus, Ohio 43232**

4. LICENSEE CONTACT AND TITLE
ALFRED KEEFER, R.S.O.

5. TELEPHONE NUMBER (Include Area Code) **(614) 856-1535**
6. FACSIMILE NUMBER (Include Area Code) **(614) 856-3193**

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS TELETHERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) ⇒ _____

RADIOGRAPHY ⇒ _____ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
**AK Steel Corp.
6500 N. U.S. 231
Rockport, IN 47635**

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)
**6500 N. U.S. 231
Rockport, IN 47635**

10. CLIENT TELEPHONE NUMBER (Include Area Code) **(812) 362-6280**
11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) **(812) 362-6280**

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
Nov 20, 2002	Nov 20, 2002	1			001132

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)
Am-241 Sealed Source 1 Curie

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)

LICENSE NUMBER	STATE	EXPIRATION DATE
03225250000	OH	Jan. 1, 2006

19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title)	SIGNATURE	DATE
ALFRED A. KEEFER, R.S.O.	<i>Alfred A. Keefer</i>	Nov. 15, 2002

WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed/Printed Name and Title)	SIGNATURE	DATE	TOTAL USAGE -- DAYS TO DATE
	Doris E. Gonzalez/NMPA	<i>Signed FAX 11/18/02</i>		

NOV 19 2002

OHIO DEPARTMENT OF HEALTH
LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all rules promulgated thereunder. This license shall be deemed to contain the conditions specified in rules 3701-38-021 and 3701-39-021 of the Ohio Administrative Code and is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

<p style="text-align: center;">LICENSEE</p> <p>1. SenTek Corporation</p> <p>2. 4233 Eastland Square Drive Columbus, OH 43232-5615</p>	<p style="text-align: center;">LICENSE NUMBER</p> <p>3. 03225250000</p> <hr/> <p style="text-align: center;">EXPIRATION DATE</p> <p>4. January 1, 2006</p> <hr/> <p style="text-align: center;">BUREAU DOCKET NUMBER</p> <p>5. FT07-07-00</p>
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| <p>6. RADIOACTIVE MATERIAL</p> <p>A. ANY RADIOACTIVE MATERIAL WITH ATOMIC NUMBERS 3 TO 83, INCLUSIVE</p> <p>B. STRONTIUM-90</p> <p>C. AMERICIUM-241</p> | <p>7. CHEMICAL AND/OR PHYSICAL FORM</p> <p>A. SAMPLE MEDIA</p> <p>B. SEALED SOURCES</p> <p>C. SEALED SOURCES</p> | <p>8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE</p> <p>A. AS NEEDED (SEE ITEMS 9.A AND 17, BELOW)</p> <p>B. 18.5 TBQ (500 Ci), NO SINGLE SOURCE TO EXCEED THE MAXIMUM ACTIVITY SPECIFIED IN THE CERTIFICATE OF REGISTRATION ISSUED BY THE NRC, AN AGREEMENT STATE, OR NARM LICENSING STATE</p> <p>C. 3.7 TBQ (100 Ci), NO SINGLE SOURCE TO EXCEED THE MAXIMUM ACTIVITY SPECIFIED IN THE CERTIFICATE OF REGISTRATION ISSUED BY THE NRC, AN AGREEMENT STATE, OR NARM LICENSING STATE</p> |
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9. **Authorized Use**
- A. **Collection and analysis of samples incident to leak testing of sealed sources as a service for self and others.**
- B., C. **Check, calibration, reference, storage, and performance of gauge services in accordance with application dated August 28, 1998.**

CONDITIONS

10. **Licensed material may only be used at the licensee's facilities located at:**
- A. **4233 Eastland Square Drive, Columbus, Ohio.**
- B. **Temporary field locations throughout Ohio.**
11. **The Radiation Safety Officer (RSO) for this license is Alfred A. Keefer.**
12. **Licensed material shall only be used by, or under the supervision of, individuals who have been trained in accordance with the licensee's correspondence as listed in Item 18, below.**
13. **All sealed sources that are used or obtained shall have been evaluated and approved by the U.S. Nuclear Regulatory Commission under the provisions of 10 CFR 32.210, or an equivalent Agreement State or NARM Licensing State Regulation, prior to such use or acquisition.**
14. A. **Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six (6) months, or at such other interval as is specified in the registration certificate.**
- B. **Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three (3) months.**

LICENSE FOR RADIOACTIVE MATERIALS

License Number 03225250000

SUPPLEMENTARY SHEET

Bureau Docket Number FT07-07-00

Amendment No. INITIAL

- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the required leak test interval, a sealed source shall not be put into service until tested.
- D. Sealed sources need not be tested if
- 1) they contain only a radioactive gas; or
 - 2) the half-life of the isotope is 30 days or less; or
 - 3) they contain 3.7 MBq (100 μ Ci) or less of beta- or gamma-emitting, or 370 kBq (10 μ Ci) or less of alpha-emitting material; or
 - 4) they are in storage and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than ten years without being tested for leakage and/or contamination.
- E. The leak test shall be capable of detecting the presence of 185 Bq of radioactive material on the test sample. If the test reveals the presence of 185 Bq or more of removable contamination, a report shall be filed with the Ohio Department of Health, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Ohio Department of Health regulations. The report shall be filed within five (5) days of the date the leak test result is known, with the Bureau of Radiation Protection - Ohio Department of Health, 246 N. High St., 35 Bldg., 7th Floor, Columbus, Ohio 43266-0118. The report shall specify the source involved, the test results, and corrective action taken.
- F. The licensee is authorized to collect leak test samples for analysis by the source or device manufacturer. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Director, the NRC, or an Agreement State, to perform such services.
15. The licensee shall conduct a physical inventory every 6 months, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for at least three (3) years from the date of each inventory, and shall include: the quantities and kinds of licensed material, manufacturer's name and model numbers, location of the source(s) and/or device(s), and the date of the inventory.
16. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material" as delineated in OAC 3701-39-021.
17. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in 10 CFR 30.35(d), as delineated in OAC 3701-39-021, for establishing decommissioning financial assurance.
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 Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated July 5, 2000; and
 - B. Letter correspondence dated October 24, 2000.

For the Ohio Department of Health

DATE:

1/2/01

BY:



Director, Ohio Department of Health