



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 14, 2002

Docket Nos. 03022060
Control Nos. 129476
130507

License Nos. 06-20775-01

Kenneth Kasper, C.H.P.
Radiation Safety Officer
SCIENTECH, Inc.
The Bleachery
143 West Street
New Milford, CT 06776

SUBJECT: SCIENTECH, INC., ISSUANCE OF CORRECTED COPY OF LICENSE,
CONTROL NOS. 129476 AND 130507

Dear Mr. Kasper:

Enclosed is the Corrected Copy of the above-listed license. This corrects an error in Amendment No. 17 for License No. 06-20775-01 that was subsequently carried through to Amendment No. 18. In accordance with the telephone call on August 14, 2002, Condition Nos. 6.C, 7.C., and 8.C have been changed to remove the authorization for possession of special nuclear material as was requested in your letter dated March 14, 2001.

We apologize for any inconvenience this error may have caused.

Sincerely,

Original signed by John D. Kinneman

John D. Kinneman, Chief
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety

Enclosure:
Corrected Copy of Amendment No. 17, 18

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	EUllrich/EXU		JKinneman/JDK					
DATE	8/14/2002		8/14/2002					

OFFICIAL RECORD COPY

CORRECTED COPY

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.

<p style="text-align: center;">Licensee</p> <p>1. SCIENTECH, Inc.</p> <p>2. The Bleachery 143 West Street New Milford, Connecticut 06776</p>	<p>In accordance with the letter dated October 30, 2001,</p> <p>3. License number 06-20775-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2011</p> <hr/> <p>5. Docket No. 030-22060 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with atomic numbers 1 through 83</p> <p>B. Any byproduct material with atomic numbers 84 through 92</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 5 curies per radionuclide and 5 curies total</p> <p>B. 100 millicuries per radionuclide and 100 millicuries total</p>
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9. Authorized use:
- A. through B. : Receipt, storage, use, and/or possession incident to the following activities:
- (1) Decontamination, decommissioning, and remediation of facilities and grounds, equipment, and containers;
 - (2) Site characterization;
 - (3) Solidification and treatment of wastes;
 - (4) Packaging for transport;
 - (5) As calibration sources and reference standards for operational testing of radiation detection equipment; and
 - (6) Leak test sample collection and analysis.

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CONDITIONS

10. Licensed material may 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.
 - A. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in the application dated March 5, 2001.
 - B. The Radiation Safety Officer for this license is Kenneth Kasper, CHP.
12. Except for calibration sources and reference standards, possession of licensed material at each temporary job site shall be limited to material originating from each site. This material must either be transferred to an authorized recipient or remain at the site after activities authorized by this license are completed.
13. This license does not authorize the use of licensed material at temporary job sites for uses already specifically authorized by the customer's license. If a customer also holds a license issued by the U.S. Nuclear Regulatory Commission or an Agreement State, the licensee shall establish a written agreement between the licensee and the customer specifying which licensed activities shall be performed under the customer's license and supervision, and which licensed activities shall be performed under the licensee's supervision pursuant to this license. The agreement shall include a commitment by the licensee and customer to ensure safety, and any commitments by the licensee to help the customer clean up the temporary job site if there is an accident. A copy of the this agreement shall be included in the notification required by Condition 17.A. of this license.
14. Pursuant to 10 CFR Parts 30.11, 40.14, 70.14, and Condition 10 of this license, the licensee is exempted from the requirements of 10 CFR Parts 30.35, 40.36 and 70.25 to establish decommissioning financial assurance.
15. Notwithstanding the requirements in 10 CFR Parts 30.32(i), 40.31(j), and 70.22(i), the licensee is not required to establish an emergency plan. Before taking possession of licensed material at a temporary job site in quantities requiring an emergency plan, the licensee shall either:
 - A. Obtain U.S. Nuclear Regulatory Commission approval of an evaluation demonstrating that an emergency plan is not required pursuant to 10 CFR Parts 30.32(i), 40.31(j), and 70.22(i); or

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- B. Submit written confirmation to the Regional Administrator, U.S. Nuclear Regulatory Commission, at the Region I Office referenced in Appendix D of 10 CFR Part 20, that the licensee personnel have been trained and will follow the provisions of an existing emergency plan approved by the Commission or an Agreement State for the temporary job site.
16. If approved by the Radiation Safety Officer specifically identified in this license, the licensee may take reasonable action in an emergency that departs from conditions in this license when action is immediately needed to protect public health and safety and no action consistent with all license conditions that can provide adequate or equivalent protection is immediately apparent. The licensee shall notify the U.S. Nuclear Regulatory Commission before, if practicable, and in any case, immediately after taking such emergency action using reporting procedure specified in 10 CFR Part 30.50(c).
17. A. At least 14 days before initiating activities at a temporary job site, the licensee shall notify, in writing, the Regional Administrator, U.S. Nuclear Regulatory Commission, at the Region I Office referenced in Appendix D of 10 CFR Part 20. The notification shall include the following information:
- (1) Estimated type, quantity, and physical/chemical form(s) of material;
 - (2) Specification of site location;
 - (3) Description of project activities including waste management and disposition;
 - (4) Estimated project start date and duration; and
 - (5) Identification of, and information on how to contact, key project personnel.
- B. Within 30 days of completing activities at each job site location, the licensee shall notify, in writing, the Regional Administrator, U.S. Nuclear Regulatory Commission, at the Region I Office referenced in Appendix D of 10 CFR Part 20, of the temporary job site status and disposition of any licensed material used.
18. The licensee shall maintain records of information important to decommissioning each temporary job site at the applicable job site pursuant to 10 CFR Parts 30.35(g), 40.36(f), and 70.25(g). The records shall be made available to the customer upon request. At the completion of activities at a temporary job site, the licensee shall transfer these records to the customer for retention.
19. Licensed material shall not be used in or on human beings.

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20. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred 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 10 years without being tested for leakage and/or contamination.
- E. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- F. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
21. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
22. The licensee shall conduct a physical inventory every six months, or at other interval approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license.
23. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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24. 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. Application dated March 5, 2001
 - B. Letter dated June 29, 2001
 - C. Letter dated July 13, 2001



For the U.S. Nuclear Regulatory Commission

Original signed by Elizabeth Ullrich

Date August 14, 2002 _____

By _____

Elizabeth Ullrich
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406