

D30-19083

STORCH ASSOCIATES

100 OLD FORGE ROAD
P.O. BOX 829
ROCKY HILL, CONNECTICUT 06067
1-203-529-7727

February 27, 1989

Log	Mar 13
Remitter	
Check No.	10731
Amount	60
Fee Category	3P
Type of Fee	AMD
Date Check Rec'd.	3/22/89
Date Completed	
By	J. Kimberly

U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406
ATTN: John White

Re: Request for Amended License

Gentlemen:

Due to changes in personnel and our new location, we are requesting two amendments to our present Materials License, a copy of which is enclosed. We wish Section 2 of our license to be changed from "161 Main Street, Wethersfield, Connecticut 06109" to our new address "100 Old Forge Road, Rocky Hill, Connecticut 06067." We wish section 10 of our license to be changed from "Licensed material may be used at the licensee's facilities at 161 Main Street, Wethersfield, Connecticut and 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" to "Licensed material may be used at the licensee's facilities at 100 Old Forge Road, Rocky Hill, Connecticut and 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". Both our mailing address and storage address are to be changed to 100 Old Forge Road, Rocky Hill, Connecticut 06067. We have also enclosed a sketch of the storage location of the nuclear density gauge.

We also wish Section 11 of our license changed from "Licensed material shall be used by those employees who have successfully completed the gauge manufacturers training course or the Connecticut Department of Transportation course in radiation safety, and have been trained in the licensees safety procedures and approved by the radiation safety officer, Joseph F. Merluzzo.

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Documentation of training will be maintained for inspection by the Nuclear Regulatory Commission" to "Licensed material shall be used by those employees who have successfully completed the gauge manufacturers training course or the Connecticut Department of Transportation course in radiation safety, and have been trained in the licensees safety procedures and approved by the radiation safety officer, Hermann Hani. Documentation of training will be maintained for inspection by the Nuclear Regulatory Commission".

We believe Mr. Hermann Hani qualifies for the position of Radiation Safety Officer. We have enclosed copies of Mr. Hani's certificates indicating his completion of coursework in radiological safety training from Soiltest and Campbell Pacific Nuclear Corporation along with his resume.

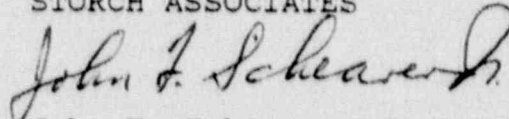
We have enclosed a check for \$60 to cover the amendment fee.

We would appreciate your expeditious treatment of this request.

Thank you.

Very truly yours,

STORCH ASSOCIATES



John F. Schearer, Jr., P.E., L.S.
Associate

JFS:cas

Enclosure

NUCLEAR

MATERIALS LICENSE

Amendment No. 03

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, 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>Licensee</p> <p>1. Storch Engineers</p> <p>2. 161 Main Street Wethersfield, Connecticut 06109</p>	<p>In accordance with letter dated March 28, 1986,</p> <p>3. License number 06-19679-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 1991</p> <hr/> <p>5. Docket or Reference No. 030-19083</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed sources (Campbell Pacific Nuclear Corporation Model CPN 131)</p> <p>B. Sealed sources (Campbell Pacific Nuclear Corporation Model CPN 131)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 10 millicuries per source</p> <p>B. Not to exceed 50 millicuries per source</p>
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9. Authorized use

A. and B. For use in Campbell Pacific Nuclear Corporation Model MC Series neutron soil density and moisture gauge.

CONDITIONS

- 10. Licensed material may be used at the licensee's facilities at 161 Main Street, Wethersfield, Connecticut and 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. Licensed material shall be used by those employees who have successfully completed the gauge manufacturers training course or the Connecticut Department of Transportation course in radiation safety, and have been trained in the licensee's safety procedures and approved by the radiation safety officer, Joseph F. Merluzzo. Documentation of training will be maintained for inspection by the Nuclear Regulatory Commission.
- 12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from detector cells by the licensee.

06-19679-01
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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

06-19679-01

Docket or Reference number

030-19083

Amendment No. 03

(Continued)

13. A. The sealed sources or detector cells specified in Items 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed one year. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
- B. Any sealed source or detector cell in storage and not being used need not be tested. When the source or detector cell is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
- C. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the source or detector cell shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety and Safeguards Branch, 631 Park Avenue, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. The licensee is authorized to collect leak test samples for analysis by Health Physics Services or Nuclear Sources and Services or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".
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 2 years from the date of each inventory.

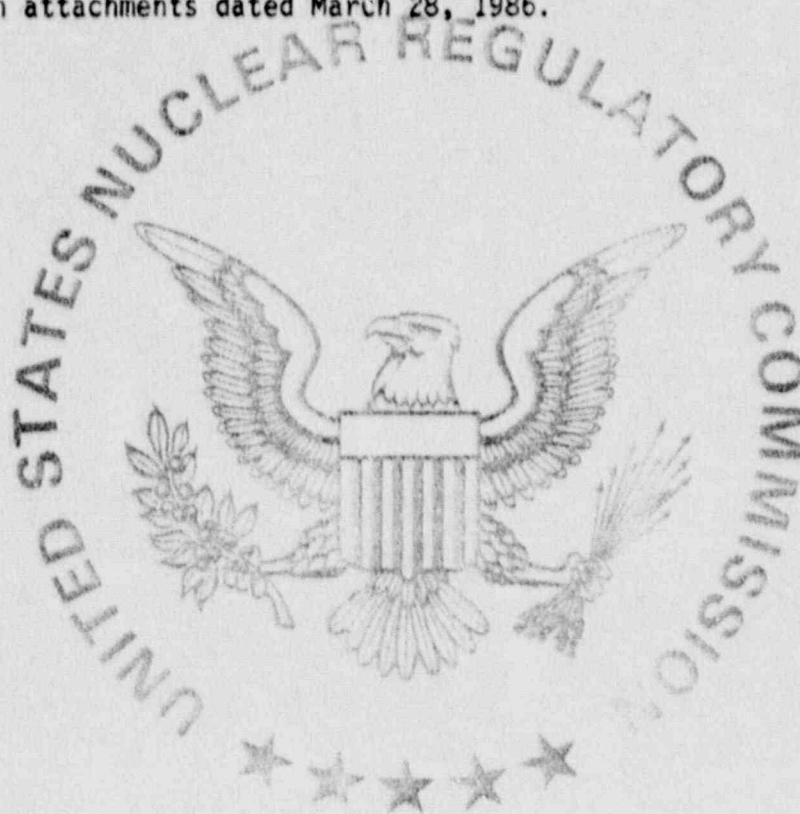
**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number	06-19679-01
Docket or Reference number	030-19083
Amendment No. 03	

(Continued)

16. 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. Letter with attachments dated March 28, 1986.



For the U.S. Nuclear Regulatory Commission

Date _____

AUG 27 1986

By John E. Glenn
 Nuclear Materials Safety and
 Safeguards Branch, Region I
 King of Prussia, Pennsylvania 19406

HERMANN HANI

Mr. Hani, an inspector-surveyor, has more than 25 years of varied field experience with Storch Engineers. He has been a construction inspector, survey chief of party, inspector of test borings, and researcher of land records.

Since 1981 he has been trained and has used neutron soil density and moisture gauges at various construction job assignments.

Mr. Hani has recently completed a construction-inspection assignment for a \$2,000,000 Union 76 Traveler's Plaza in Southington, Connecticut. This assignment and the following assignments have provided Mr. Hani with substantial experience in this important responsibility for the completion of any project.

- Full time construction inspection for the rehabilitation of the Putnam Memorial Bridge over the Connecticut River connecting Wethersfield and Glastonbury, Connecticut.
- Full-time inspection for ten months for the construction of seven groins at Long Beach in Stratford, Connecticut for the purpose of shore protection; duties included daily and monthly progress reports; construction quantity estimates and approval of monthly invoices from the Contractor.
- Full-time inspection at the Farmington Medical Dental School of all earthwork including compaction testing and concrete testing.
- Full-time inspection of Lighthouse Point Park for the City of New Haven, including sanitary sewer pump stations.
- Full-time inspection of the reconstruction of Bowen Field grandstands in New Haven, Connecticut, including the reconstruction of the playing fields.
- Full-time inspection at the Ellis Technical School in Killingly, Connecticut of athletic fields and parking lot paving including topographic survey and design work.

HERMANN HANI

- Part-time inspection of New London's parks for the City of New London for athletic facilities and playgrounds.
- Full-time soil inspection at Whiting Lane School in West Hartford. Including athletic facilities, party chief for topographic survey, soils inspection and design of running track and tennis courts.
- Survey Party Chief for control and topographic surveys for Hurd State Park. Geometric layout and design of new park roads and part-time construction inspection.
- Part-time construction inspection for Toby May Playgrounds in New London, Connecticut. Party chief for topographic survey of existing facilities before design.

Recently, Mr. Hani has been in charge of all field survey for the Lakeridge Development, a 236 acre, 670 unit condominium project in Torrington, Connecticut. His survey parties have established all the horizontal and vertical control for building location, roadway construction and sanitary sewer and water line location.

Mr. Hani also supervised survey party activities for the Spring Street to Wilson Avenue Connector in Norwalk, Connecticut and inspected all of the test borings for the project.

Certificate of Completion

This is to certify that Hermann Dami has completed the basic training
course on Radiation Safety and Use of Nuclear Soil Gauges, held
this 29 day of June 1985, held at Search Assoc. City of Wash. Field

State of Or by Campbell Pacific Nuclear Corporation.

D. F. J. Mearns
INSTRUCTOR

Joseph J. Mearns
RADIATION SAFETY OFFICER



HEREBY CERTIFIES THAT ON

January 30, 1981

MR. HERMANN HANI
Storch Engineers

HAS SUCCESSFULLY COMPLETED THE FACTORY PRESCRIBED RADIOLOGICAL SAFETY TRAINING COURSE, THEORY, MAINTENANCE, AND OPERATION OF THE SOILTEST NUCLEAR DENSITY AND MOISTURE METERS.

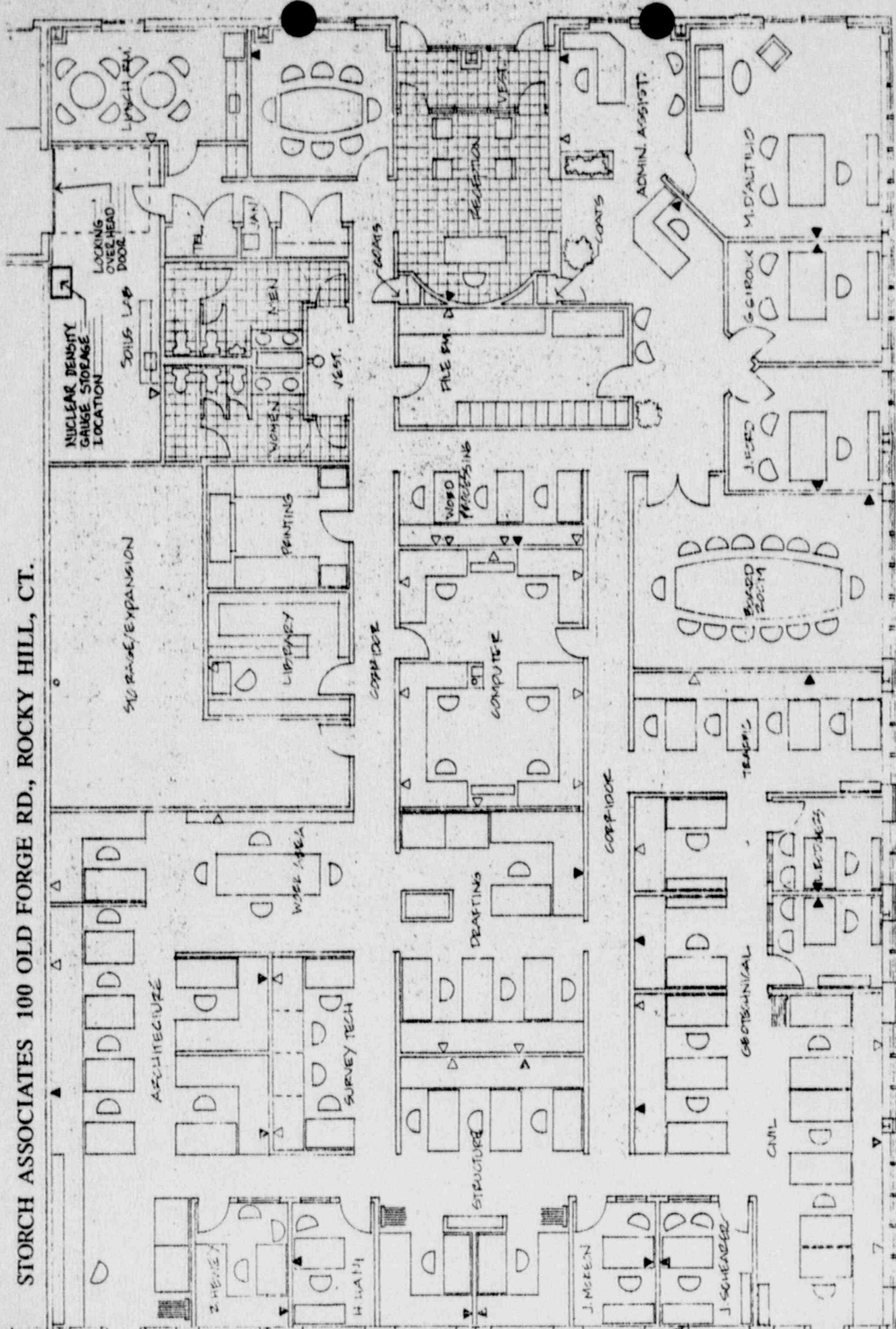
THIS FURTHER ATTESTS THAT THE ABOVE NAMED HAS MET ALL REQUIREMENTS OF PRECISION IN TESTING SOILS, AGGREGATES, CONCRETES AND ASPHALTIC CONCRETES.

IN TESTIMONY WHEREOF, THIS CERTIFICATE HAS BEEN ISSUED BY AUTHORITY OF SOILTEST, INC.

RADIATION SAFETY OFFICER
K. S. Antony

SOILTEST MANAGEMENT
S. V. Thompson

STORCH ASSOCIATES 100 OLD FORGE RD., ROCKY HILL, CT.



MS-10
89-03-15
MS-21
P-2

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 19910831
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION Y

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: STORCH ENGINEERS
RECEIVED DATE: 890313
DOCKET NO: 3019083
CONTROL NO.: 110409
LICENSE NO.: 06-19679-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$60.00
CHECK NO.: 10431

3. COMMENTS

SIGNED R. J. Brown
DATE 89-03-15

8. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1)

1. FEE CATEGORY AND AMOUNT: 3P \$ 60

2. CORRECT FEE PAID, APPLICATION MAY BE PROCESSED FOR:

AMENDMENT ✓
RENEWAL
LICENSE

3. OTHER

SIGNED A. Kimberly
DATE 3/22/89