



STS Consultants Ltd.
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Northbrook, Illinois 60062
312-273-5440

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30 - 20801

August 24, 1983

Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety, and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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RE: Byproduct Material License Renewal No. 12-05672-02

Gentlemen:

We have attached to this letter two (2) copies of our "Application for By-Product Material Licence" renewal and our check for \$110 for the renewal fee. We presently own and operate Troxler Electronics Laboratory and Campbell-Pacific Nuclear density-moisture meters.

We have reviewed our existing license submitted in the past and call your attention to the following changes as referenced to our current renewal application.

Item 2. -- Applicants Name. STS Consultants, Ltd. (formerly Soil Testing Services, Inc.)

Item 5. -- Street Address Where Material Will Be Used. Three addresses are included (see application) with "licenced material to be used at temporary jobsites of the licensee anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material".

Item 6. -- Individual Users. Resumes of three supervisory personnel are included with this application. We would like the wording for individual users to be as follows: "Licensed material shall be used by, or under the supervision, and in the physical presence of, individuals who have satisfactorily completed the device manufacturer's training program for gauge users and have been designated by the licensee's radiation protection officer. The licensee shall maintain records of the individuals who have been designated as authorized users".

Item 7. -- Radiation Protection Officer. Clyde L. McComb, P.E. remains the Radiation Protection Officer.

Item 8. -- Licensed Materials. We no longer use the Troxler Electronics Laboratory Model 2401 or the Soil Test, Inc. Model No. NIC-SDT moisture density gauges and have deleted them. These instruments were returned to

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the manufacturers for disposal. We continue to use the Troxler Electronics Laboratory Model 3411-B and Campbell-Pacific Nuclear, Model MC-2 moisture-density gauges. We also have the New England Nuclear, Model NER-572 source in a Mount Sopris Instrument Company Model GG-375 soil density probe. The use of these materials is covered in our current license under amendments No. 1, No. 4, and No. 5, respectively.

Item 12. -- Personnel Monitoring Device. Film badges continue to be supplied and read by R.S. Landauer, Jr. and Company, Glenwood, Illinois, 60425.

Item 13. -- Facilities and Equipment. Our current storage facility drawing is included with this application. Limited access is provided by a locked door, the key to which is controlled by supervisory personnel.

Item 14. -- Waste Disposal. Refer to current license amendment No. 4 dated December 31, 1980, condition No. 17.

Item 15. -- Radiation Protection Program. Attached with this application is our current Radiation Protection Program procedures. Leak testing is to be done every six months using the manufacturer's leak test kit (Troxler Electronics Laboratory) and test procedures. Refer also to our current license amendment No. 2, condition No. 14 for our current test procedures.

If there are any questions or if you need further information, please contact Robert Hubbard at (312)272-6520.

Respectfully,

STS CONSULTANTS, LTD.

Robert J. Hubbard

Robert J. Hubbard, CET
Field Services Supervisor

Clyde L. McComb

Clyde L. McComb, P.E.
Radiation Protection Officer

/ccb

encl.

RECEIVED BY LFMB	
Date	9/8/83
Log	Sept 8
By	cap
Orig To	2/14
Action Compl	cap

Applicant	
Check No.	8149
Amount	812.36
Type of fee	appe
Date Check Rec'd	9/8/83
Received By	cap

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