

Touchstone Environmental Consultants Inc.
33 Thompson Street, Winchester, MA 01890 (617) 729-8450

August 8, 1985

Mr. Lester Tripp
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

RE: License #20-20626-01

Dear Mr. Tripp:

I am forwarding this request and a check for \$60 for an amendment to our current gas chromatography detector license. I would like our license changes to provide:

1. That the chromatograph and Ni-63 nuclear source be used at temporary job sites within the United States. The system and source will always remain under our direct control during transport, during use at the site, and if stored overnight.
2. That William W. Mogayzel, Jr., be listed as a qualified supervisor of the chromatograph, together with myself, F. J. Berlandi.

Mr. Mogayzel has operated, maintained, and supervised the use of electron capture (Ni-63) sources at two previous employers' (ERT, Inc. and ESA, Inc.). His professional credentials are enclosed and I judge him to be qualified to act in a responsible, knowledgeable manner with the Ni-63 source.

Thank you.

Very truly yours,

Francis J. Berlandi

Francis J. Berlandi, Ph.D.
Certified Industrial Hygienist

FJB/cb

Enclosures: W.W. Mogayzel's Resume
Check #2403

Aug 19 - I

Applicant
Check No.	2403
Amount	30 \$60
Type of Fee	Amend
Date Check	8/19/85
Received By	Jacobs

8509190265 850828
REQ1 LIC30
20-20626-01 PDR

U.S. N.R.C.
12. FEE MGMT. BRANCH

'85 AUG 19 P2:05

RECEIVED

"OFFICIAL RECORD COPY"

ML10

04238

AUG 12 1985

WILLIAM W. MOGAYZEL, JR.

EDUCATION:

Southeastern Massachusetts University, B.S. Chemistry, 1970
Southeastern Massachusetts University, Graduate Courses
Bridgewater State College, M.A., Chemical Sciences, 1976

1984 to Present:

Technical Manager, Touchstone Environmental Consultants, Inc.,
Winchester, Massachusetts: reporting to president, responsible for management of client research and environmental studies; direct technical programs involving state-of-the-art measurements for organic and inorganic pollutants in air, water, biologicals, food, and industrial workplaces.

1982 to 1984:

Technical Manager, ESA Laboratories, Bedford, MA: was responsible for the operation of an AIHA accredited, CDC licensed laboratory with a staff of 18 and sales of \$1 million; oversaw analyses of heavy metals, organics and organic metabolites in biological matrices, IH analyses, and air and environmental pollutants; responsible for QC, proposal writing, client contact, scheduling, and pricing.

1981 to 1982:

Laboratory Manager, Environmental Research & Technology, Concord, MA: was responsible for the operation of the chemical/physical measurement laboratory with a staff of 10 chemists and technicians; oversaw analyses for TSP and multimedia environmental samples for metals, inorganics, priority pollutants, PCB's, and hazardous material testing; responsible for data review, interpretation and technical support to other groups in the company; manager for sampling and analyses programs involving aerosol emissions, hazardous wastes, pesticides/herbicides, NPDES, and EPA studies.

1977 to 1981:

Manager, Product Development/Evaluation, ESA Laboratories, Bedford, MA: was responsible for development of marketable instruments and expendables from original concept prototypes; supervised chemists and technicians in development and production areas, interfacing with engineering, QC, marketing, and production; conducted and supported field testing and product efficacy trials; presented papers at conferences and road seminars.

WILLIAM W. MOGAYZEL, JR.

1977 to 1981 Continued:

Senior Chemist/Analytical Chemist, ESA, Bedford, MA: was responsible for the development-chemistry for new electrochemical serum iron analyzer including proprietary reagent formulations and manufacture, correlation studies and interference studies; developed rapid micromethod analysis for TIBC in support of serum iron/TIBC analyzer; methods development for rapid analysis of nanogram quantities of trace metals in water, environmental, biological, and other matrices using electrochemical and atomic absorption techniques; provided technical support for new and established product lines, applications engineering, and marketing support; performed analyses of trace metals in water, waste-water, environmental and biological matrices; provided applications engineering to support electrochemical analyzers; did prototype work on charge transfer analyzer, multi-electrode voltameter.

1971 to 1977:

Chemistry Teacher, Dartmouth High School, Dartmouth, MA: coached track; taught summer school for City of New Bedford Oceanography program; worked on masters degree parttime (left graduate school to teach because father was hospitalized and needed to support family).

1970 to 1971:

Teaching Assistant, Southeastern Massachusetts University, Dartmouth, MA: was responsible for junior Instrumental Analysis and freshman wet analytical labs; did research on transition metal complexes using spectrophotometry and electrochemistry.

PAPERS:

"Measurement of Serum Iron and Total Iron Binding Capacity," FACSS, 1978 and Clinical Chemistry, 1979.

"A Multi-test Electrode Voltametric Technique for Picogram Level Analysis of Multi-valent Species," Pittsburgh Conference, 1980.

"A Multi-electrode Electrochemical L C Detector," Pittsburgh Conference, 1980.

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

EXPEDITE

Verbal O/K
8/27/85

LICENSE FEE TRANSMITTAL

A. REGION 1

1. APPLICATION ATTACHED

Applicant/Licensee: Touchstone Environmental Consultants

Application Dated: 8/8/85

Control No.: 04238

License No.: 20-20626-01

2. FEE ATTACHED

Amount: \$60.00

Check No.: 2403

3. COMMENTS

Signed Brenda Platchuk

Date 8/13/85

03123

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3P - \$40

2. Correct Fee Paid. Application may be processed for:

Amendment ✓

Renewal _____

License _____

9/88

Signed Jo Jackson

Date 8/27/85

"SECTION COPY"

TOUCHSTONE ENVIRONMENTAL CONSULTANTS, INC.
33 THOMPSON STREET
WINCHESTER, MASS. 01890

2403

August 08, 1985

53-126/113

PAY
TO THE
ORDER OF U.S. Nuclear Regulatory Commission

\$ 60.00

TOUCHSTONE
ENVIRONMENTAL 60 DOLS 00 CTS

DOLLARS



Shawmut
County Bank, N.A.
Cambridge, Massachusetts 02139

FOR License Amendment Fee

Cheryl A. Beilandi

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