



030-12167
 Wyman-Gordon Company
 Eastern Division
 244 Worcester Street
 Box 8001
 North Grafton, Massachusetts 01536-8001

(617) 756-5111	July 17
Remitter	
Check No. 120966	
Amount \$120	Refunded \$60
Fee Category 3	
Type of Fee A.M.D.	
Date Check Rec'd. 7/29/88	
Date Completed 7/29/88	
By: J. Kimberly	

July 12, 1988

U.S. Nuclear Regulatory Commission
 Nuclear Materials Safety Section B
 475 Allendale Road
 King of Prussia, PA 19406

Re: Request to Amend Materials License No. 20-17067-02, License
 Expiration Date: March 31, 1992

Dear Sir:

Wyman-Gordon Company wishes to amend our current Materials License to utilize the two Bedford Engineering Company level gauges, Model 104 (NER - 478C). These devices each contain a 10 mCi Americium-241 source. The devices shall be used for level measurements in Powder Room #3 which is directly adjacent to the present storage area. The Bedford Engineering gauges shall be under the direct control of Wyman-Gordon Co. with Mr. Peter Saniuk and Mr. Edward Mahoney as supervisors of the process that will utilize the gauges. The Bedford Engineering gauges shall remain in storage until the Amendment is received.

The re-installation and operational checkout of these devices shall be done at the plant site by Mr. Donald Gordon, private consultant (C.V. enclosed). Radiation survey and leak testing will be performed upon re-installation by Mr. Neil A. Gaeta, CHP, NRC License No. 20-20743-01.

All individuals who will operate or supervise operation of the gauges shall be provided radiation safety training as specified in Section 3a of our original license renewal of February 10, 1987, prior to commencement of the project.

The Bedford Engineering gauges shall continue to be leak tested every six months by N. Gaeta, CHP.

Future servicing to adjust, repair and/or calibrate the electronics for these gauges shall be done by D. Gordon at the plant site. After any servicing, a leak test shall be done to assure the integrity of the device.

Wyman-Gordon Company wishes to start this program the week of August 8, 1988 and would appreciate your consideration for this request. Enclosed please find the check of \$120.00 for the amendment

9001230293 BB1020
 REG1 LIC30 PDR
 20-17067-02

109245
 18 JUL 1988

"OFFICIAL RECORD COPY" ML10

fee. Please call myself at 617-756-5111 or Neil Gaeta at 617-488-7081 if additional information is required. Thank you.

Sincerely,

Clyde J. Porter

Clyde J. Porter, CIH
Industrial Hygienist

CJP/dmm
1.1
Attachments

PROFESSIONAL RESUME

DONALD A. GORDON

131 River Road, Carlisle, MA 01741 (617) 369-6196

EXPERIENCE

Bedford Engineering Corporation 1965-1984

Assistant General Manager 1979-1984

Researched, developed, produced, marketed high speed precision radiographic industrial gaging instruments.
Provided comprehensive user support in North America and Europe.

Senior Engineer-Physicist 1971-1979

Designed radiological instruments for scientific and industrial applications: spectrometry, densitometry, radiometry, radiographic imaging, nuclear detection and monitoring.

Project Physicist-Engineer 1965-1971

Developed, designed and produced electronic instruments and systems utilizing x-rays and nuclear radiation for scientific applications.

Baird-Atomic, Inc. 1957-1964

Project Physicist-Engineer 1962-1964

Conducted R&D project leading to medical isotopic imaging system.
Extensive consultations with leading scientists.

Assistant Chief Engineer 1959-1962

Designed nuclear measurement instruments, test equipment; provided technical support to factory customer service and production engineering groups as well as production test department.

Supervisor, Test Department 1957-1959

Supervised test personnel, set up new test facility.

Atomic Instrument Co. 1955-1957

Physicist-Engineer

Designed, built, debugged portions of special computer system.
Production-engineered radioactivity instruments and systems.

Technical Instructor, U.S. Army Signal Corps 1954-1955

EDUCATION

Massachusetts Institute of Technology: B.S. Physics
U.S. Army Signal School: radio repair, instructorship
Graduate Studies in electronics: M.I.T., Northeastern

ASSOCIATIONS

Instrument Society of America, American Nuclear Society,
Association for the Advancement of Medical Instrumentation

RESUME ADDENDUM

DONALD A. GORDON

131 River Road, Carlisle, Massachusetts 617-369-6196

SUMMARY OF CAPABILITIES AND QUALIFICATIONS:

Digital design (CMOS, TTL, DTL, LSI, discrete)
Analog design (VMOS, PLL, Op Amps, AD/DA, VCO, V-F/F-V)
Electromechanical (steppers, solenoids, valves, transports)
Electro optical (CRT, fiber optics, PMT, SS)
Microprocessor (CPU, FIFO, UART, Memory, etc.)
Radiological (scintillation, Geiger, proportional, SS, RPSO)
Magnetic Recording (single, dual, multitrack; digital, analog)
A.T.E. (voltage, current, frequency, gain, leakage, etc.)
Vacuum (potting, distillation, deposition, testing)
Laser (gas, solid state; pulsed, CW)
QA/QC (environmental, production; MIL)
Photorecording (optics, fiber optics; processing, analysis)
Photographic (technical, industrial; lithographic, P.C.)
Training (in-house, field; operation, maintenance, applications)
E.D.P. (Wang 720C system; DG 1200 system)
X-ray (high-speed mass, defect, position measurement)
Sales (technical support; installation; applications)
Literature (specifications, drawings, manuals)
Technical Articles (published in professional periodicals)
Travel (U.S., Canada, France, Italy)
Supervision (five to ten technicians)
Clearances (secret, top secret, Q, DOD)

Bedford Engineering Corporation

Assistant General Manager, 1979 to 1984

- * high-speed x-ray ammunition powder filling measurement system (unique; patents; rights and design sold to leading producer of high-speed precision production machinery, marketed worldwide; payback typically two to six months)
- * very-high-speed x-ray mass measurement system for pharmaceutical capsules (unique; patents; design sold to leading producer of very-high-speed machinery and broad spectrum of products; payback typically six to twelve months)
- * x-ray gage for process control of vacuum filling of HIP cans with alloy powder for sintering (systems in use in foundries of leading producers of highly critical precision jet engine components; payback first month of production)
- * automatic test systems for communications components, assemblies and modules
- * pulsed laser data multiplexing fiber optic instrumentation
- * radiographic instrumentation for production control of small parts assembly lines (payback three to six months)
- * portable miniaturized solid-state timer-thermometer module
- * special waveform generator for doppler radar test rack
- * Radiation Safety Protection Officer (R.S.P.O.)

Senior Engineer-Physicist, 1971 to 1979

- * coded-aperture gamma ray imaging system
- * scintillation spectrometric instruments and systems
- * proportional and geiger gas counting instruments
- * radioactive densitometric gaging instruments
- * magnetic recording data acquisition systems
- * multichannel radiometric instrument, optical
- * multichannel data retrieval system
- * spectrometer-to-computer data interface
- * environmental testing facility
- * etched circuit board facility
- * scientific data processing, analysis
- * special function generator
- * R.S.P.O.

Project Physicist-Engineer, 1965 to 1971

- * photographic data recording instruments
- * photoprocessing offset lithographic production facility
- * pulsed x-ray generator electronics
- * ultrasonic motion detector instrument
- * field operations, data collection systems
- * data recorder, electrosensitive paper tape
- * working level meter
- * R.S.P.O.

Baird-Atomic, Inc.

Physicist-Engineer, 1962 to 1964

- * autofluoroscopic imaging system development
- * medical isotopic scanning system
- * atomic/nuclear measuring instruments
- * production engineering liaison
- * R.S.P.O.

Assistant Chief Engineer, 1959 to 1962

- * supervised QA, QC section, nuclear instrument products
- * designed, built, maintained instruments, equipment for test department
- * technical support, customer service group
- * instructor, Sales and Service Program Training
- * developed nuclear measuring instruments and systems
- * production-engineering liaison
- * technical support for factory service group
- * carbon dating system electronics
- * R.S.P.O.

Supervisor, test department, 1957 to 1959

- * scheduling, personnel supervision, equipment
- * production-engineering liaison

Atomic Instrument Co.

Physicist-Engineer, 1955 to 1957

- * dedicated computer system
- * reactor control instrumentation
- * radiation measuring instruments

Military Service

Technical Instructor, 1953 to 1955

- * U.S. Army Signal School, Electronics and Radio
- * Secret DOD clearance
- * Honorable Discharge with special recognition

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

: PROGRAM CODE: 03120
: STATUS CODE: 0
: FEE CATEGORY: 3P
: EXP. DATE: 19920331
: FEE COMMENTS: -----
:.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: WYMAN-GORDON COMPANY
RECEIVED DATE: 880718
DOCKET NO: 3012167
CONTROL NO.: 109245
LICENSE NO.: 20-17067-02
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: 120.00
CHECK NO.: 120966

3. COMMENTS

SIGNED BP
DATE 7/22/88

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED) 1-75

1. FEE CATEGORY AND AMOUNT: BP \$ 60

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

AMENDMENT ✓
RENEWAL _____
LICENSE _____

3. OTHER _____

SIGNED S. Kimberly
DATE 8/2/88