



**Northeast
Nuclear Energy**

RECEIVED
REGION 1

2000 SEP 18 PM 3: 26

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station
Northeast Nuclear Energy Company
P.O. Box 128
Waterford, CT 06385-0128
(860) 447-1791
Fax (860) 444-4277

The Northeast Utilities System

NMSB2 SEP 7 2000

Docket No. 030-17011
B18213

Re: 10 CFR 30.38

U.S. Nuclear Regulatory Commission
Region I
Nuclear Material Section B
475 Allendale Road
King of Prussia, PA 19406

Northeast Nuclear Energy Company
Amendment to Byproduct Materials License No. 06-17235-02

Pursuant to 10 CFR 30.38, Northeast Nuclear Energy Company (NNECO) hereby requests an amendment to the NNECO Byproduct Materials License No. 06-17235-02. It is requested that:

1. Alan S. Klotz be removed from Condition 11.A.
2. Jeffrey D. Cunningham, Ira M. Turner, and Anthony F. Armagno be added to Condition 11.A.
3. Alan S. Klotz be removed from Condition 11.B, and
4. Ira M. Turner be added to Condition 11.B.

Materials license Condition 11.A and B would be changed to read as follows:

- 11.A. Licensed material shall be used by, or under the supervision of Ira M. Turner, Jeffery D. Cunningham, or Anthony F. Armagno
- 11.B. The Radiation Safety Officer for this license is Ira M. Turner

The Resumes of Qualifications for Jeffrey D. Cunningham, Ira M. Turner, and Anthony F. Armagno are contained in Attachment 1.

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NMSS/RGN MATERIALS-002

NNECO will continue to operate under its current license, as amended, and will continue to operate in accordance with applicable Nuclear Regulatory Commission (NRC) regulations until NRC action on this amendment request is complete.

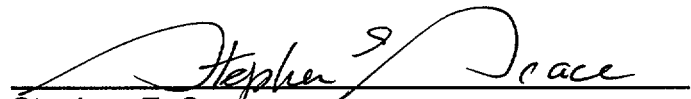
In accordance with the guidance contained in your letter dated September 4, 1990,⁽¹⁾ no completed NRC Form 313 is enclosed.

There are no regulatory commitments contained within this letter.

If you have any questions, please contact Mr. Bob N. Leach at (860) 437-5879.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



Stephen E. Scace
Director - Nuclear Oversight and
Regulatory Affairs

Attachment 1: Resumes of Qualifications

cc: H. J. Miller, Region I Administrator
J. B. Hickman, NRC Project Manager, Millstone Unit No. 1
P. C. Cataldo, Resident Inspector, Millstone Unit No. 1
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2
S. R. Jones, Senior Resident Inspector, Millstone Unit No. 2
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

⁽¹⁾ Medical, Academic and Commercial Use Safety Branch, Division of Industrial and Medical Nuclear Safety to Northeast Utilities Service Company, System Test Department, "Notice of Expiration," dated September 4, 1990.

Attachment 1

Northeast Nuclear Energy Company

Resumes of Qualifications for:

Jeffery D. Cunningham

Ira M. Turner

Anthony F. Armagno

WORK HISTORY

- Sep 1999 to Present Supervisor, HP Services at Millstone Station, Duties include day-to-day oversight of the HP Services group including Dosimetry records, HP Instrumentation calibration, Respiratory Protection, and laboratory processing.
- Aug 1997 to Sep 1999 Technical Trainer at Millstone Station. Duties include developing and delivering INPO accredited training to HP staff in accordance with the systematic approach to training.
- Jan 1991 to Aug 1997 Senior Instructional Technologist at Fort Calhoun Station. Duties include developing and delivering INPO accredited training to HP staff in accordance with the systematic approach to training. Additionally assigned as Lead Technician for primary side Steam Generator work- during outages.
- Jan 1989 to Jan 1991 ALARA Technician at Fort Calhoun Station. Duties included preparing dose estimates for major work packages. Writing RWPs for routine and specific work done in the RCA. Alternate for the ALARA Supervisor.
- Jan 1986 to Jan 1989 Health Physics Technician at various nuclear power plants. Duties included all manner of job coverage for jobs inside containment and auxiliary buildings.
- Mar 1985 to Jan 1986 Associate Engineer for Martin Marietta Orlando Aerospace, Duties included developing and validating technical manuals in support of the Pershing Missile program for the US Army.
- Jun 1984 to Mar 1985 Junior Health Physics Technician at various nuclear power plants. Duties included assisting Sr. HP Techs in the performance of job coverage, primarily associated with steam generator coverage.
- Jul 1978 to Jun 1984 Interior Communications Electrician, First Class (SS), US Navy. Duties included operating and performing preventive and corrective maintenance on electrical systems for 20 year old nuclear submarine. Qualified Engineering Watch Supervisor/Engineering Duty Petty Officer.

EDUCATION

Masters of Science degree in Management from Albertus Magnus College. New Haven, 1999
Bachelor of Science degree in Nuclear Technology from University of State of New York. 1993
Associate of Science degree in Radiation Protection Technology from Metropolitan Community College, Omaha, 1991
US Naval Nuclear Power School and Prototype, Orlando and Ballston Spa, 1980

CERTIFICATIONS

Certified as RRPT with the NRRPT, 1989
Member of SERO at Fort Calhoun and Millstone
Qualified a@, INPO accredited IIP Training Instructor at Fort Calhoun Station and Millstone

WORK HISTORY**Sr Nuclear Technician**
Northeast Nuclear Energy Company
Waterford, CT**Oct 1997 - Present**

During 1999 and 2000, I have been responsible for day to day operations of the NU NVLAP accredited TLD processing laboratory. Principal responsibilities have included: assigned to the role of Deputy Technical Manager as described by the NVLAP regulation; laboratory operations; identification/resolution of technical problems; generation of technical reports/records; procedure writing; administrating technician training programs; receipt inspections, acceptance testing for new equipment, and radiation and contamination surveys.

Sr Health Physics Specialist
Bartlett Nuclear Services
Plymouth, MA**Mar 1996 - Oct 1997**

Health Physics Specialist of a NVLAP accredited TLD processing laboratory for Northeast Utilities. Principal responsibilities included: Research and Development of the TLD processing System for NVLAP accreditation and laboratory operations; identification/resolution of technical problems; generation of technical reports/records; procedure writing; receipt inspections; radiation and contamination surveys.

Sr Health physics Technician
Martin Marietta Utility Services, Inc.
Piketon, Ohio**Mar 1991 - Mar 1996**

Assigned to Laboratory Technical Operations. Filled various roles including acting supervisor for Laboratory Technical Operations. Principal responsibilities included: research and development of the dosimetry laboratory for NVLAP accreditation; laboratory operations; identification/resolution of technical problems; generation of technical reports/records; procedure writing; technician training programs; 8800 TLD Reader system development; receipt inspections, acceptance testing for new equipment; radiation and contamination surveys.

Sr Radcon Monitor
Newport News Reactor Services, Inc.
Idaho Falls, Idaho**Sept 1989 - Nov 1990**

Radiological Control Technician assigned to a NVLAP-accredited dosimetry laboratory and Operations for a two-year subcontract for a subsidiary of Newport News Shipbuilding decommissioning a prototype U. S. Navy nuclear reactor. Plant responsibilities included; development of all survey maps, performing contamination and radiation surveys, provide on the job coverage during radiological operations, collect and document samples for MCA spectroscopy.

Sr. Radcon Monitor
Newport News Shipbuilding and Drydock Co.
Newport News, Virginia**Feb 1985 - Nov 1986**
Apr 1989 - Mar 1991

Held increasingly responsible positions within the Radiological Control Department. Began employment as a radiological control monitor II (Sr. HPT) performing field surveillances and job coverage. Accepted assignment to the environmental radiochemistry laboratory as a radiation health technician in addition to the radiological control monitor responsibilities.

EDUCATION

Christopher Newport College, one semester in general studies

TRAINING

OSHA 40 Hour Hazardous Material and Waste Training
Completed the following intensive training programs from Bicon/Harshaw manufacturer of dosimetry equipment;
TLD System 8800 Operator; TL Dosimetry and Algorithms.

ACOMPLISHMENTS

- ! Contributed to NVLAP accreditation at Newport News Shipbuilding, Martin Marietta Utility Services, and Northeast Nuclear Energy company.
- ! Contributed to the development of the extremity monitoring program at Newport News Reactor Services and Northeast Nuclear Energy company.
- ! Developed dosimetry technician training programs at Newport News Reactor Services and Martin Marietta Utility Services.

Employment History

Over fifteen years of radiation protection experience involving regulatory compliance, engineering, training and other topics:

Regulatory Compliance:

- Alternate Member of Plant Operations Review Committee, required by facility license to review and approve major modifications to a power reactor;
- Licensee representative during inspections or reviews of safety programs by federal and state regulators, auditors and assessors;
- Preparation of technical reports and position papers for regulators, insurers, and internal parties related to radiation or environmental issues;
- Major revision to company procedures for operational radiation, industrial safety, and transportation programs;
- Project management of reaccreditation efforts for a dosimetry lab licensed under National Institute of Standards Technology criteria;
- Completion of routine audits and assessments relating to radiation, industrial safety and transportation programs;
- Health Physics specialist for major event related root cause analyses, also regional licensee audits.

Health Physics Engineering:

- Design and implementation of various teledosimetry and remote radiation exposure monitoring systems;
- Upgrade of programs for internal and external dosimetry, instrument calibrations, air sampling, environmental releases, count room analyses;
- Radiological engineering for maintenance activities within primary containment during a station refueling outage;
- Evaluations of personnel exposure to radiation and radioactive materials, determination of dose received from internal and external sources;
- Selection, qualification and implementation of radiation monitoring equipment;
- Software development for data capture and calculational purposes, using various languages and platforms;
- Various duties as a technician, including support of spent fuel pool reracking, count rooms, routine surveillance.

Training:

- Over 1200 hours of classroom instruction, on varied topics related to power reactors with audiences ranging from one person to over 200;
- Design and implementation of training programs for health physics technicians, radiological safety officers;
- Completion of job task analyses for emergency plan positions related to a power reactor licensee;
- Development of course materials, student handouts, and examinations for health physics and emergency planning.

Related Experience:

- Over three years experience in supervisory and management roles;
- Support of discovery for the litigation efforts of a power reactor licensee during initial licensing, also in later support of a tort claim;
- Support of licensing efforts to reconcile licensing and design bases discrepancies for health physics programs, also initial licensing of a power reactor;
- Supervision of dosimetry lab operations and personnel, various work crews, engineering and technician level personnel;
- Participation in over sixty drills as lead controller for various offsite facilities, drill controller at onsite facilities, thirty additional drills as a player;
- Development of plans, procedures and drill scenarios for radiological monitoring, local and host communities, and aerial radiological surveillance;
- Community / utility liaison for one of four host communities associated with a power reactor emergency plan and licensing.

Employers:

Senior Health Physicist, Northeast Utilities Millstone Station, Waterford, Connecticut (7/92 - present);

Various long and short term consulting positions for licensees in Springfield MA, Seabrook NH, Omaha NE, Plymouth MA, Westboro MA, Hancocks Bridge NJ, Boston MA, Holyoke MA, Forked River NJ, and Lowell MA (9/83 - 6/92).

Education:

<i>Juris Doctorate</i>	Quinnipiac College School of Law, 1998. Honor Scholar (1994-95, 1995-96), Recipient Myron B. Sokolowski scholarship for contributions to intellectual property (1995).
<i>Master of Science</i>	Radiological Sciences, University of Lowell, 1991.
<i>Bachelor of Science</i>	Radiological Health Physics, University of Lowell, 1986.

Affiliations:

Board of Directors, New England Chapter Health Physics Society (1994 - 1996)	Who's Who: American Law Students (1994, 1995, 1996)
Associate member of the American Academy of Health Physics (1991)	Student member of the American Bar Association (1994 - present)
Treasurer of the University of Lowell Health Physics Society (1983 - 1984)	Member of the American Nuclear Society (1986 - 1995)
Member New England Chapter of the Health Physics Society (1985 - present)	Plenary member of the Health Physics Society (1989 - present)
Member of the National Registry of Radiation Protection Technologists (1991)	Member Aircraft Owners and Pilots Association (1991 - 1997)
President of the University of Lowell Health Physics Society (1984 - 1985)	
General Partner in two real estate investment partnerships (1992, 1994)	

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: Program Code: 03225
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20050731
: Fee Comments: "NOT EX 7/2/90"
: Decom Fin Assur Reqd: N
:

LICENSE FEE TRANSMITTAL

A. REGION *I*

1. APPLICATION ATTACHED

Applicant/Licensee: NORTHEAST NUCLEAR ENERGY COMPANY
Received Date: 20000918
Docket No: 3017011
Control No.: 128670
License No.: 06-17235-02
Action Type: Amendment

2. FEE ATTACHED

Amount: -----
Check No.: -----

3. COMMENTS

Signed *M. A. Reckman*
Date *9/19/2000*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: -----

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

Amendment -----
Renewal -----
License -----

3. OTHER -----

Signed -----
Date -----

This is to acknowledge the receipt of your letter/application dated

9/7/2000, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 06-17235-02

There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 128670.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.