

MATERIALS LICENSE

Amendment No. 12

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 1, Parts 30, 31, 32, 33, 34, 35, 36, 39, 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.

OFFICIAL RECORD COPY

Licensee

1. Northeast Nuclear Energy Company
Millstone Nuclear Power Station
P.O. Box 128
Rope Ferry Road, Route 156
2. Waterford, Connecticut 06385-0128

In accordance with the letter dated
May 29, 1997,

3. License Number 06-13937-02 is amended in
its entirety to read as follows:

4. Expiration Date May 31, 2004

5. Docket or
Reference No. 030-08619

6. Byproduct, Source, and/or
Special Nuclear Material

7. Chemical and/or Physical
Form

8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Any byproduct material

A. Contamination fixed upon
surface and/or contained
within reactor system
components

A. 3 curies total

9. Authorized use

A. For repair, inspection and testing of reactor system components.

CONDITIONS

10. Licensed material may be used only 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. A. Licensed material shall be used by, or under the supervision of Joseph T. Althouse, Robert J. Decensi, Michael Finnegan, Franklin E. Kuzmenko, J. Eric Laine, Kirk S. Miles, Maria Nappi-Althouse, Jean B. Olsen, Frank T. Perry, Dennis W. Regan, Thomas A. Stafford, Ira M. Turner, Barry Kreiling, Ronald J. Sachatello, Steven M. Turowski, or Henry W. Siegrist.
- B. The Radiation Safety Officer for this license is Ronald J. Sachatello.
12. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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PDR ADOCK 03008619
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ML 10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

06-13937-02

Docket or Reference Number

030-08619

Amendment No. 12

13. 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. Application dated March 28, 1983
- B. Letter dated June 3, 1983
- C. Application dated September 8, 1993

JUN 11 1997

Date _____

For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY:

SHERI A. ARREDONDO

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

JUN 11 1997

F.C. Rothen
Vice President
Millstone Nuclear Power Station
Northeast Nuclear Energy Company
P.O. Box 128
Waterford, Connecticut 06385-0128

Dear Mr. Rothen:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

ORIGINAL SIGNED BY:
SHERI A. ARREDONDO

Sheri A. Arredondo
Division of Nuclear Materials Safety

License No. 06-13937-02
Docket No. 030-08619
Control No. 124644

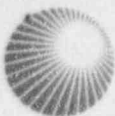
Enclosure:
Amendment No. 12

DOCUMENT NAME: R:\WPS\MLTR\L0613937.02

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="checked" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	Arredondo						
DATE	06/11/97		06/ /97		06/ /97		06/ /97

OFFICIAL RECORD COPY



Northeast
Nuclear Energy

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

May 29, 1997

Docket No. 030-08619
B16059

Re: 10CFR30.38
10CFR170.31.3.P

030-08619

U.S. Nuclear Regulatory Commission
Region I
Nuclear Materials Safety Branch No. 3
475 Allendale Road
King of Prussia, PA 19406

Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Off-Site BPM License No. 06-13937-02 Amendment

Pursuant to 10CFR30.38, Northeast Nuclear Energy Company (NNECO) hereby requests an amendment to the Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3 By-Product Material License No. 06-13937-02. it is requested that:

- 1) Robert A. Gustafson, Richard E. Gault, and Kenneth W. Hajnal be removed from section 11(A),
- 2) Ronald J. Sachatello, Steven M. Turowski and Henry W. Siegrist be added to section 11(A),
- 3) J. Eric Laine be removed from section 11(B), and
- 4) Ronald J. Sachatello be added as the Radiation Safety Officer.

Material license condition 11(A) would be changed to read as follows:

11. A. Licensed material shall be used by, or under the supervision of Joseph T. Althouse, Robert J. Decensi, Michael Finnegan, Franklin E. Kuzmenko, J. Eric Laine, Kirk S. Miles, Maria Nappi-Althouse, Jean B. Olsen, Frank T. Perry, Dennis W. Regan, Thomas A. Stafford, Ira M. Turner, Barry Kreiling, Ronald J. Sachatello, Steven M. Turowski, or Henry W. Siegrist.

124644

Material license condition 11(B) would be changed to read as follows:

11. B. The Radiation Safety Officer for this license is Ronald J. Sachatello.

The resumes for Ronald J. Sachatello, Steven M. Turowski, and Henry W. Siegrist are contained in Attachment 1.

NNECO will continue to operate under its current license, as amended, and will continue to operate in accordance with applicable NRC regulations.

Pursuant to 10CFR170.31.3.P, enclosed is a check in the amount of \$300 to cover the amendment fee. In accordance with the guidance contained in your letter dated September 4, 1990,⁽¹⁾ no completed NRC Form 313 is enclosed.

If you have any questions, please contact Mr. Michael D. Ehredt at (860) 440-2142.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



F. C. Rothen
Vice President

Attachments

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.

U.S. Nuclear Regulatory Commission
B16059/Page 3

cc: H. J. Miller, Region I Administrator
W. D. Travers, PhD, Director, Special Projects Office
P. F. McKee, Deputy Director of Licensing, Special Projects Office
W. D. Lanning, Deputy Director of Inspections, Special Projects Office
S. Dembek, NRC Project Manager, Millstone Unit No. 1
D. G. McDonald, Jr., NRC Project Manager, Millstone Unit No. 2
J. W. Andersen, NRC Project Manager, Millstone Unit No. 3
T. A. Easlick, Senior Resident Inspector, Millstone Unit No. 1
D. P. Beaulieu, Senior Resident Inspector, Millstone Unit No. 2
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

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

Mr. D. A. Cool, Director
Division of Industrial and Medical Nuclear Safety
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Docket No. 030-08619
B16059

Attachment 1

Resumes

May 1997

Ronald Sachatello
9 Godfrey Street
Mystic, CT 06355
Home (203) 536-7533
Work (203) 267-3947

Education:

B.A. 1964-68 Lycoming College, Williamsport, PA. (Biology Major)
M.S. 1970-76 South CT State College, New Haven, CT (Biology Major)

Military:

U.S. Army 1968-70 INTELLIGENCE SPECIALIST (Honorable Discharge)

Work History:

1994-1995 Northeast Utilities-Haddam, CT

SENIOR ENGINEER: Serve as Assistant to the Connecticut Yankee Vice President. Perform special projects to position Connecticut Yankee as a continuing regulatory compliant and financial performing asset during period of free market wheeling of electricity in 1996-1997. Connecticut Yankee, a 600 megawatt nuclear facility is the oldest pressurized water reactor in America and is scheduled for license termination in 2007.

1994 Northeast Utilities-Berlin CT

RE-ENGINEERING SPECIALIST: Involved with 12 Financial and Core Business Specialists in a 16 month project to redesign the Northeast Utilities Strategic Planning, Decision Making, and Budget Process to position NU for Free Market Electrical Competition in the 1990's.

1985-1994 Northeast Utilities-Waterford CT

RADIATION PROTECTION SUPERVISOR: Radiological Health Supervisor for Millstone 3 Nuclear Power Station. Supervised 1 technical analyst, 2 technical supervisors, and 20 Health Physics technicians and decon personnel. Millstone 3, a 1180 megawatt reactor, is the largest electrical generator in New England which supplies electricity to CT, MA, and NH.

1981-1985 Northeast Utilities-Waterford CT

STATION HEALTH PHYSICIST: Performed radiological analysis and program development assistance for Millstone 1,2,3, Connecticut Yankee Nuclear Power Units. Performed technical evaluations and designed special control programs for removal of Millstone Unit 2 (100,000 curie) reactor vessel thermal shield.

1978-1981 General Dynamics-Groton, CT

RADIOLOGICAL SHIFT SUPERVISOR: One of 5 Radiological Oversight Supervisors at a nuclear submarine facility at General Dynamics/Electric Boat Company. Performed technical nuclear evaluations for atomic submarine repair and refueling activities. Participated in over 20 submarine refueling and overhauls.

Chosen from this technical position to become nuclear response team member to Three Mile Island Nuclear accident on March 29, 1979.

1976-1977 General Dynamics-Groton, CT

SUPERVISOR OF NUCLEAR TRAINING: Headed Electric Boat nuclear training section for 100 person radiological control staff and 5000 shipyard radiation workers. This included all program development, formal testing and qualification programs for shipyard radiation workers in 20,000 employee nuclear submarine facility.

1974-1976 General Dynamics-Groton, CT

NUCLEAR AUDITOR: Audited the nuclear program during the construction, testing, operations and repair of nuclear submarines including the Nautilus through the Trident class.

1972-1974 General Dynamics-Groton, CT

RADIOLOGICAL CONTROL TECHNICIAN: Qualified to NAVSHIPS 389-0288. Performed surveys and technical documentation on over 10 refueling and overhaul submarines.

Significant Accomplishment: THREE MILE ISLAND NUCLEAR RECOVERY

Dispatched as part of 7 member emergency nuclear recovery team to Three Mile Island, Pennsylvania the day of the meltdown of Three Mile Island 2. (March 29, 1979).

Stayed onsite in this technical capacity for 2 months at the Three Mile Island reactor site in Pennsylvania and remained in recovery consulting activities for next two years through my employment at General Dynamics/Electric Boat

In this technical capacity I interacted with the US nuclear response team and provided radiological data and engineering support activities. I contributed testimony to the US Congress Evaluation of the Three Mile Accident, and provided material for the Congressional funded Rogovin and Kemeny report on this accident.

Industry Recognition:

Have been cited in several nuclear energy technical publications on the use of electronic digital imagery and ALARA performance at Millstone Unit 3. This includes Westinghouse, the Electrical Power Research Institute (EPRI), Institute for Nuclear Power (INPO), and United States Nuclear Regulatory Agency (USNRC).

RESUME

Steven M. Turowski

Education

BS Medical Physics, Oakland University
Rochester, Michigan 1981

MS Health Physics, University of Florida
Gainesville, Florida 1982

Applicable Training

Plants

Radioactive Waste Packaging, Transportation and Disposal
Advanced Radioactive Material Transportation
Control of Occupational Exposures in Nuclear Power

OSHA/RCRA/SPCC Training
Hazardous Waste Management Compliance
Hazardous Materials Training
Millstone Systems Training

Experience

Fourteen (14) years of experience in commercial nuclear power facilities.

1988 - Present

Radioactive Material Handling Supervisor
Millstone Station

of

Responsible for all radioactive material, radioactive waste and hazardous waste activities.
Duties include the planning, coordination and supervision of the professional level staff supporting the preparation, handling, inspection, receipt, storage and shipment of radioactive and hazardous materials.

1984 - 1988

Unit 3 ALARA Coordinator
Millstone Station

1982 - 1984

Associate Scientist, Radiological Assessment Branch
Berlin

1997 - Present

Henry W. Siegrist

Supervisor, Radiological Protection - Millstone Station

Summary of Qualifications

Twenty-three years of experience in commercial and naval nuclear power field;

Workshops in INPO Radiation Managers and Radiological Protection Workshops; NUMARC 10CFR20; Region 1 Utilities on 10CFR20; NEI Radiation Protection Task Force member and 10CFR20 Ad Hoc Advisory Committee member; Emergency Planning; Annual Health Physics meetings; REMP/RETS Workshop National/Vendor Dosimetry meetings; Millstone 2, 3 Systems Courses; Millstone Unit 3 Simulator Training Course

Work Experience

1982 - 1997

Supervisor Radiological Protection Section, Radiological Assessment Branch (RAB), Corporate Health Physics

(6-10) 1993

Acting Dosimetry Supervisor, Millstone Station

(10-11) 1993

Acting Manager Rad Materials, Millstone Station

1978 - 1982

Senior Radiological Engineer, Radiological Engineering Section, RAB

1976 - 1977

Radiological Engineer, Radiological Controls, Electric Boat Div, General Dynamics

1974 - 1976

Environmental Engineer, United Engineers & Constructors

1973 - 1974

Engineering Assistant (Summer student & part time work) General Electric Plastics and Polymer Division Selkirk, NY

Education

1973-1974

ME, Environmental Engineering Radiological Health, (1976), Rensselaer Polytechnic Institute, Troy, NY

1969 - 1973

BS, Environmental Engineering, Rensselaer Polytechnic Institute, Troy NY

Publications/Professional Memberships

Professional Engineer State of Connecticut, registration No. 11335

American Board of Health Physics Comprehensive Certification -1983; Recertified 1987, 1991, 1995

Plenary Member Health Physics Society

Prior Member Millstone Unit 3 NRB, Millstone SNRB

Millstone Training Program Control Committee member Radiation Worker

Authored/Presented "Quality Assurance and Control Charts", Harshaw

Bicron Users Symposium Cleveland, OH, October 9, 1996

Coauthored/Presented "ALARA Concepts for Nuclear Power Plants",

24th Annual Meeting of Health Physics Society, Philadelphia, PA, July 8-13, 1979

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

OR LFMS USE)
INFORMATION FROM LTS

Program Code: 03225
Status Code: 0
Fee Category: 3P
Exp. Date: 20040531
Fee Comments: THEIR OWN EQUIP
Decom Fin Assur Req'd: Y

LICENSE FEE TRANSMITTAL

A. REGION

I

1. APPLICATION ATTACHED

Applicant/Licensee: NORTHEAST NUCLEAR ENERGY CO.
Received Date: 970605
Docket No: 3008619
Control No.: 124644
License No.: 06-13937-02
Action Type: Amendment

2. FEE ATTACHED

Amount: \$300.00
Check No.: 0000137535

3. COMMENTS

Signed
Date

M. A. Perkins
6/6/97

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

1. Fee Category and Amount: 3P

\$300

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

Amendment ☒
Renewal ☐
License ☐

3. OTHER

Signed
Date

Log	<u>June 7</u>
Remitter	
Check No.	<u>0000137535</u>
Amount	<u>\$300</u>
Fee Category	<u>3P</u>
License No.	<u>AMU</u>
Date Completed	<u>6/10/97</u>
By:	<u>SB</u>

check was
dated for 12/17/96

1997 JUN -9 PM 3:24