

030-21247

L=15062

NRC FORM 313

(1-84)

10 CFR 30, 32, 33, 34,
35 and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB

3150-0120

Expires: 5-31-87

APPLICATION FOR MATERIAL LICENSE

03225

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION B
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item):

- ☒ A. NEW LICENSE
☐ B. AMENDMENT TO LICENSE NUMBER _____
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Public Service Electric and Gas
P. O. Box 236
Hancocks Bridge, NJ 08038

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Public Service Electric and Gas
Nuclear Training Center
244 Chestnut Street
Salem, NJ 08079

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Mr. Wayne L. Britz, Manager - Radiation Protection Services

TELEPHONE NUMBER

609-339-4546

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 10CFR170.11a3

FEE EXEMPT

13. CERTIFICATION (Must be completed by applicant): THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE - CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE Manager - Radiation
Protection Services

DATE

4/16/85

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K
\$250K - 500K
\$500K - 750K
\$750K - 1M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

\$1M - 3.5M
\$3.5M - 7M
\$7M - 10M
>\$10M

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial - proprietary - information furnished to the agency in confidence)

YES

NO

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

APPROVED BY

APPL.

APR. 14/85

EX

FEE EXEMPT

Frances Brown

AMOUNT RECEIVED

CHECK NUMBER

170.11(a)(1)(3) 03702

"OFFICIAL RECORD COPY"

DATE

4/26/85

PRIVACY ACT STATEMENT ON THE REVERSE

8507050463 850613
REG1 LIC30
29-15062-02

PDR

ML10

APR 19 1985

4/29/85

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission
Director, Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555

U.S. NRC
RIGHT BRANCH

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ATTACHMENT TO APPLICATION FOR BYPRODUCT MATERIAL LICENSE
PSE&G NUCLEAR TRAINING CENTER

5.

Element & Mass Number a.	Chemical and/or Physical Form b.	Maximum Amount c.
Ba-133	Eberline - sealed, solid lucite button sources	3.5 uCi
Co-57		0.2 uCi
Co-60		2.2 uCi
Cs-134		0.75 uCi
Cs-137		36 uCi
Mn-54		0.2 uCi
Na-22		1.6 uCi
Po-210		0.2 uCi
Sn-113		0.5 uCi
Sr-90		17 uCi
Sr Y-90		0.02 uCi
Tc-99		0.02 uCi
Th-230	0.08 uCi	
Tl-204	1.0 uCi	
Y-88	0.2 uCi	

Tl-204	Eberline- Isotope is Plated on Metal Discs	80 uCi

Co-60	Isotope Products	196 uCi
Cd-109	Laboratory - 6	994 uCi
Co-57	mixed gamma solid	44 uCi
Ce-137	calibration sources	44 uCi
Hg-203	made in the geometry	152 uCi
Sn-113	of a charcoal	196 uCi
Cs-137	cartridge	174 uCi
Y-88	2 - 800 uCi Sources	368 uCi
	2 - 250 uCi Sources	
	2 - 30 uCi Sources	

ATTACHMENT TO APPLICATION FOR BYPRODUCT MATERIAL LICENSE
PSE&G NUCLEAR TRAINING CENTER

5. (Continued)

Element & Mass Number a.	Chemical and/or Physical Form b.	Maximum Amount c.
Co-60	Analytics Inc.	.36 uCi
Cd-109	Atlanta, GA -	1.84 uCi
Co-57	2 - mixed gamma	.08 uCi
Ce-139	calibration sources	.08 uCi
Hg-203	made in the solid	.28 uCi
Sn-113	geometry of a	.36 uCi
Cs-137	charcoal cartridge	.32 uCi
Y-88	2 - 2 uCi Sources	.64 uCi

Co-60	Analytics Inc.	.60 uCi
Cd-109	Atlanta, GA	2.8 uCi
Co-57	2 - mixed gamma	.2 uCi
Ce-139	calibration sources	.2 uCi
Hg-203	made in the solid	.4 uCi
Sn-113	geometry of	.6 uCi
Cs-137	a 1.0 liter bottle	.6 uCi
Y-88	2 - 3 uCi Sources	1.0 uCi

Co-60	Analytics Inc.	.36 uCi
Cd-109	Atlanta, GA	1.84 uCi
Co-57	2 mixed gamma	.08 uCi
Ce-139	calibration sources	.08 uCi
Hg-203	made in the solid	.28 uCi
Sn-113	geometry of a	.36 uCi
Cs-137	10.0 mR vial	.32 uCi
Y-88	2 - 2 uCi Sources	.68 uCi

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6. The aforementioned sources will be used to provide "hands on" training of personnel and to calibrate emergency equipment stored at the Emergency Operations Facility, which is located at the Nuclear Training Center.
7. Individuals responsible for the Radiation Safety Program are as follows:

W. L. Britz - Manager - Radiation Protection Services
H. D. Hanson - Manager - Nuclear Training
H. L. Wedlick - Principal Training Supervisor

Resumes follow:

MANAGER - RADIATION PROTECTION SERVICES

NAME: Wayne Linden Britz

LICENSES AND CERTIFICATES:

1966 - 1970 US AEC Reactor Operators License

EDUCATION:

1966	US Merchant Marine Academy, BS, Commission as Ensign, USNR; US Merchant Marine, US Coast Guard License as Third Officer
1967	US Merchant Marine Academy, Certificate of Nuclear Power Technology,
1971	Georgia Institute of Technology MS, Nuclear Engineering, (Atomic Energy Commission Fellowship Program)
1982	Wharton School, University of Pennsylvania, MBA

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7. (Continued)

Resume for Manager - Radiation Protection Services

EXPERIENCE:

1980 - Present

Manager - Radiation Protection Services, Public Service Electric and Gas Company: Responsible for corporate radiation protection program to ensure that the radiation exposure to personnel and releases of radioactive material to the environment are as low as is reasonably achievable (ALARA). Review radiological effluent and environmental monitoring system and measurements to ensure that the stations are being operated in a radiological ALARA manner. Provide review and audit for Salem and Hope Creek Radiation Protection Programs to ensure proper and uniform programs. Ensure that radiation protection programs (including training) reflect contemporary industry practices. Develop and review programs and methods to reduce radiation exposure, reduce costs, and comply with regulations of state and federal agencies. Responsible for central radiation protection facilities for Salem and Hope Creek (dosimetry, ALARA coordination, contaminated laundry, instrument calibration and repair, respiratory program, records)

Serve as radiation emergency manager in EOF for drills, exercises, and when the EOF is activated for emergencies. Supervise, train, and ensure readiness at all times for the support staff and function required (about 20 persons)

1971 - 1980

US Nuclear Regulatory Commission, Washington, DC (Headquarters) and Atlanta, Georgia (Regional Office):

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7. (Continued)

Resume of Manager - Radiation Protection Services

Experience in developing and implementing environmental programs. Coordinated and supervised research programs with federal laboratories, universities, and consulting firms. Experienced in developing and writing regulations. Testified in federal courts as expert on environmental program; worked with legal staff on case and testimony preparation.

Represented the NRC on Federal Interagency Task Force for Emergency Preparedness. Detailed to International Atomic Energy Agency to provide assistance to the government of Brazil in developing their nuclear environmental programs. Coauthored several agency publications

1966 - 1970

American Export Isbrandtsen Lines, Inc, New York, New York: Engineering officer, deck officer, and health physicist for a commercial firm operating the Nuclear Ship Savannah, a research and development project for the U.S. Department of Commerce. Experienced a large variety of the operations of a major firm, e.g., routine operation, repair and maintenance, emergency operations, scheduling, personnel, and research projects

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MANAGER - NUCLEAR TRAINING

NAME: H. Denis Hanson

LICENSES AND CERTIFICATES:

Reactor operator trainee certification for operation of reactor
at USN Postgraduate School

EDUCATION:

1953 - 1957	U.S. Coast Guard Academy New London, Connecticut, BS, General Engineering
1962 - 1964	U.S. Naval Postgraduate School Monterey, California, MS, Physics
1962 - 1964	Nuclear Engineering, Health Physics, and Weapons Effects
1966	George Washington University, Planning, Programming, and Budgeting Systems
1967 - 1968	Yale University, Administrative Sciences
1968 - 1970	Rensselaer Polytechnical Institute, Hartford, Connecticut, MS, Management Science
1976	Institutes for Academic Deans and Personnel Officers
1979	Personnel Administration Practices for Executives

EXPERIENCE:

1981 - Present	Manager - Nuclear Training, PSE&G: Responsible for training personnel for three nuclear and six fossil electric generating stations for
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7. (Continued)

Resume for Manager - Nuclear Training

Labor-Management Training, including negotiations

operations, performance, maintenance, and radiation protection departments at all levels. Managed a comprehensive training center and associated staff with an operating budget of \$8 million and a capital budget of \$30 million, including two control room simulators

1957 - 1981

Senior coast guard officer: General administration and management. The following is a brief description of activities performed with the Coast Guard from 1957 to 1981:

Corporate and division level line and staff assignments in planning, program management, executive assistant, personnel, research and development, operations, and general administration

Division officer, executive officer, and commanding officer responsibilities for both shore and ship facilities

Administrative responsibilities for academic division staff of 115 professional (mostly faculty) and 55 technician and clerical personnel

Chief negotiator for management with faculty union; negotiated initial and renewal contract

Administered contract compliance, and trained supervisors and processed grievances

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7. (Continued)

Resume for Manager - Nuclear Training

Developed and coordinated recruiting efforts, including EEO and affirmative action procedures for professional employees

Established annual employee counseling and evaluation programs

Provided rewards and discipline as required and appropriate for various personnel categories; effectively hired, fired, and promoted directly reporting staff

Served as director of computer center during 6 month absence of assigned director

Developed operational requirements and coordinated interior design and outfitting for science facility (\$5 million) for physics, chemistry, and marine science disciplines

Responsible for professional and staff development for academic division (115 faculty plus support staff)

Assisted in annual institution-wide curriculum review and development

Promoted from assistant professor (1967) to full professor (1978) with tenure granted in 1969

Presented leadership development, special skill, and group dynamics seminars

Taught courses in the global environment, systems technology, nuclear and modern physics, all topics in general physics, and officer professional programs

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7. (Continued)

Resume for Manager - Nuclear Training

Established requirements and supervised specialized professional training activities for groups of up to 300 people for periods of 3 weeks to over 2 months

Served on Admissions Board, Faculty Senate, Academic Council, Planning Board, Executive Board and Budget Coordinating Committee

Responsible for annual budget development including all categories of personnel and funds for eight academic departments, library, learning center, computer center, and registrar function; maintained 5 year projections on staff and 2 to 15 year plan for major facility project; determined priorities, allocated resources (including reductions), and monitored operating budget

Prepared mid-term (2 to 3 years) request for resources for entire institution; developed criteria and priorities for staff, facilities, and funds; and coordinated a consultant-prepared comprehensive master plan for the Coast Guard Academy

Responsible for space allocation/use

Responsible for organizational development; coordinated all phases of division level reorganization and established institution-wide planning board

Program manager and responsibility for major training (1500 people per year) and operations (about \$25 million per year) activities

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7. (Continued)

Resume for Manager - Nuclear Training

Presented budget requirements at various levels, including program support requirements to members of Congress

Developed Agency Shore Facilities Plan for Northern California

Developed initial Disaster Relief and Recovery Plan for east coast activities of the Coast Guard, which included response to natural, civil, and nuclear disaster/disorder

In charge of disaster relief planning and response for entire Coast Guard

Coordinated the Coast Guard/Red Cross agreement for mutual support in times of disaster

Represented the U.S. Department of Treasury and the U.S. Coast Guard in the development of Inter-Agency Radiological Defense Plan

Developed emergency plans for large facilities; responsible for training various teams associated with potential nuclear disasters

Developed operations plans for routine, contingency, and wartime activities at district and area (east coast) levels

Completed 2-year nuclear engineering effects training, primarily weapons systems and radiationsafety/protection

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7. (Continued)

Resume for Manager - Nuclear Training

Technical advisor for nuclear affairs for Coast Guard commander of the eastern and gulf coast region of the US with primary responsibilities in passive defense planning and training, and in disaster control, relief, and recovery

Responsible for entire Coast Guard's radiological defense and recovery plans and training; represented agency on interservice and interagency committees and developed logistics plans, etc

Presented nuclear physics, radiation safety, decontamination procedures, etc, seminars, and courses

Custodian for radioisotopes and other nonexempt material requiring licenses

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7. (Continued)

PRINCIPAL TRAINING SUPERVISOR - HEALTH PHYSICS

NAME: Harold L. Wedlick

LICENSES AND CERTIFICATES:

1978	Certified by the Department of Energy as an Accident Investigator
1979	Re-certified by the American Board of Health Physics
	Diplomat of the International Hazards Control and Management Board

EDUCATION:

1957 - 1959	Henry Ford Community College
1960	Rackham School of Graduate Study, Health Physics
1961	Wayne State University, B.S. in Chemistry
1963	Wayne State University, M.S. in Physical Chemistry
1963 - 1964	University of Michigan School of Public Health, Health Physics

EXPERIENCE:

1984 - present	Principal Training Supervisor-Health Physics; Access, Chemistry and Emergency Plan Training Groups for Public Service Electric and Gas Company, Salem, NJ. Manage four supervisors and twenty instructors providing comprehensive technical training programs for Hope Creek and Salem Nuclear Generating Stations
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7. (Continued)

Resume for Principal Training Supervisor - Health Physics

1980 - 1984

WEDSS (Wedlick's Educational Development in Systems Safety) Sole Proprietor, Specialty Consultant in Health Physics, Radiochemistry, Systems Safety and Training. Performed reactor safety appraisals/audits, health physics training for reactor health physics staff and specialty safety classes offered at selected seminar locations around the country

7/1982 - 3/1983

Manager, Radiological Work Management Group, San Onofre Nuclear Generating Station (SONGS). Established and managed RWM program providing health physics services to Bechtel Power Corp. Los Angeles Power Division construction and maintenance projects. Assisted construction and architectural engineers with ALARA design and modification

2/1983 - 5/1983

Three Mile Island Nuclear Power Plant, Radiological planning and assessment group; typified radiological status of TMI-2 reactor basement post accident conditions for decontamination and restoration purposes

5/1983 - 9/1983

Manager - Radiological Work Management Group; Established and managed RWM program providing health physics services to Bechtel Power Corp. San Francisco Power Division construction projects at Washington Public Power Supply Systems (WPN-2)

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7. (Continued)

Resume for Principal Training Supervisor - Health Physics

1975 - 1980

Battelle Pacific Northwest Laboratories, (Hanford Atomics Works), Senior Research Scientist, Radiation Standards & Engineering (Department of Occupational and Environmental Safety). Coordinator of training programs in radiation safety; participated and directed multi-varied operational health physics, environmental surveillance, standards development and research programs at PNL.

1969 - 1975

University of Lowell. Radiochemistry Supervisor, Nuclear Center and Professor, Department of Radiological Sciences, Supervise health physics and radiochemistry, environmental surveillance program and facility radioactive waste system. Taught related courses in Radiological Sciences curriculum. Active researcher in radiological analysis and instrumentation.

1967 - 1969

Lowell Technological Institute. Associate professor, Department of Radiological Sciences, Health Physics and Radiochemistry Supervisor. Engaged in establishing and supervising the health physics program for the LTI Nuclear Center research reactor, accelerator and laboratory facilities. Developed new curriculum and taught classes in Department of Radiological Sciences

1966 - 1967

Lowell Technological Institute. Visiting Assistant Professor, engaged in teaching and the development of a new curriculum for Radiological Health Technologists, Radiation Safety Officer for the Institute.

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7. (Continued)

Resume for Principal Training Supervisor - Health Physics

1963 - 1966

The University of Michigan, School of Public Health. Research Associate in Environmental Health, engaged in the sampling and analysis of environmental media for radionuclides. Taught Low Level Environmental Monitoring in the Health Physics curriculum. Principal Researcher for USAEC sponsored research contract for radionuclide pathways in the milk-food chain. Developed mathematical models for describing the transfer of airborne radionuclides to milk. Part-time affiliation with the National Sanitation Foundation in performing the environmental surveillance program for the Enrico Fermi I sodium cooled nuclear power reactor.

1961 - 1963

Bureau of Industrial Hygiene, City of Detroit Health Dept. Industrial Hygiene Chemist, Analysis of various industrial samples to determine the content of hazardous material. Research and development of new procedures for the collection, analysis and evaluation of hazards contained in industrial products

1958 - 1961

Art Center Hospital. Medical Laboratory Technologist. Chemical and biological analysis relevant to a clinical laboratory.

1954 - 1957

U.S. Army Medical Corps., Honorable Discharge

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8. Training For Individuals working in or frequenting
Restricted Areas

Individuals working in or frequenting restricted areas shall be given training as outlined in Training Procedures 201 and 202 (General Employee Indoctrination and Radiation Worker Training and Requalification). Certification of completion will be by test with test results kept on file. Recertification shall be at least every year with continuing documented training, lectures and demonstrations scheduled at least annually.

In addition, personnel not offered this training will be briefed on the Radiation Safety Program, as outlined in Item 10, and will be under the direct supervision of qualified personnel. Names of qualified individuals will be kept on file and updated.

The following appendices to this Item are provided to detail these requirements.