



030-20934

INTERSTATE NUCLEAR SERVICES

A SUBSIDIARY OF UNIFIRST CORPORATION

July 27, 1988

U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

ATTN: Mr. Frank Davis
Nuclear Materials Safety Section

RE: License No. 37-23341-01

Dear Mr. Davis:

Please amend cur materials license to bring personnel to a current status. Enclosed are applicable substitution pages. Kindly revise condition 11 to read:

- 11. Licensed material shall be used by or under the supervision of William Roschewski, John R. Reed, Glenn Marshall, John Badey, Guy Wilson, Victor Crusselle, Susan Fanelli, C. Renee Echols, or Steve Eno.

Also, please substitute new pages 1 and 3 dated 7/26/88 for existing pages 1 and 3 of the application, and new pages E5 through E13 for existing pages E5 through E17.

Enclosed is a check for \$170.00 for amendment fee pursuant to 10 CFR 170.31 under the Nuclear Laundry category. If you have any questions, please call.

Sincerely,

Guy Wilson
Manager, Health Physics
and Engineering

8910160281 880929
REQ1 LIC30
37-23341-02 PDR

Log	Aug 17
Remitter	
Check No.	017605
Amount	\$170
Fee Category	6A
Type of Fee	A M D
Date Check	8/23/88
Date Completed	8/23/88
By:	J. Kent

88 AUG 18 12:33

71 2 11 01 NOV 88

RECEIVED-REGIN 1

109396



Date: 7/27/88

License: 37/23341/01

TABLE OF CONTENTS

<u>Description</u>	<u>Page No.</u>	<u>Date</u>
General Application	1	7/27/88
	2	10/29/87
	3	7/27/88
Appendix A Calibration of Instruments	A1 - A3	6/15/87
Appendix B Facilities and Equipment	B1 - B2 B3 B4 - B6 B7 - B9	10/29/87 6/15/87 10/29/87 6/15/87
Appendix C - Waste Disposal and Effluent Treatment	C1 - C6	6/15/87
Appendix D Radiation Safety Program	D1 - D12	6/15/87
A. General	D13 - D14	10/29/87
B. Maximum Permissible Exposures & Concentrations	D15 - D17	6/15/87
C. Radiation, Signs & Symbols		
D. Personnel Monitoring		
E. Radiation Monitoring		
F. Access Procedure		
G. Procedures for Handling Incoming Contaminated Items		
H. Training		
I. Plant Security		
J. Transportation of Radioactive Materials		
K. Corporate Radiation Protection Program		
Appendix E Training and Experience for Authorized Users and Radiation Safety Officers	E1 - E4 E5 - E14	10/29/87 7/27/88
Appendix F Decommissioning Guidelines	F1 - F7	6/15/87
Appendix G Emergency Procedures	G1 - G3	6/15/87

Date: 7/27/88 License: 37/23341/01

ITEM 7

Individuals Responsible
for Radiation Safety Program

See Appendix E for Training and Responsibilities of the individuals listed.

William R. Roschewski, Plant Mgr./RSO
John R. Reed, Assistant Plant Manager/Alternate RSO
Glen Marshall, Assistant Plant Manager/Alternate RSO
Guy R. Wilson, Manager Health Physics and Engineering
John Badey, Northern Operations Manager
Susan L. Fanelli, Corporate Health Physicist
C. Renee Echols, Health Physicist
Victor M. Crusselle, Radiation Specialist
Steven M. Eno, Alternate Plant Manager

Users at the plant include any individuals above, when present. Alternate or assistant Plant Managers or Operations Managers can act as RSO when present.

Royersford PM: William R. Roschewski

EDUCATION: Navy Nuclear Power School.

Short Courses: RSO training program at INS, (40 hrs. under GJ Bakevich).

EXPERIENCE:

INS Corp. (Jan. 88 - present)-Plant Manager, Royersford, PA plant. Responsible for management of employees, daily operations, and personnel safety including radiation safety for the plant. Performs daily health physics measurements. Completes and maintains records. Conducts training classes in radiation safety for employees. Direct maintenance of plant machinery and equipment. Responsible for instrument calibration and repair.

INS Corp. (85-present)-Operations Manager for Northern division. Generated & approved procedures for operations. Directly supervised all plant managers of region.

INS Corp. (82-84)-Pleasanton California Plant Manager/RSO. Responsible for management of employees, operations, personnel safety and radiation safety for plant. Performed health physics measurements.

INS Corp. (80-82)-Bremerton, WA Plant Manager/RSO. Responsible for management of employees, daily health physics measurements, & radiation safety at plant.

US Navy (74-80), NPTU Idaho. Participated in S1W prototype maintenance, including resin discharge, main coolant pump replacement, radiography, flux wire irradiation, controlled pure water system installation. Instructor reactor physics & safety, chemistry/metallurgy.

US Navy (74-76)-Mechanical Operator. Qualified as Engine room supervisor. 15 Mo. refueling overhaul at Mare Island shipyard, watch operations & HP duties.

Alt. Plt. Mgr./Alt. RSO: John R. Reed

EDUCATION: Navy Nuclear Power School.

Short Courses: Radiation Protection Training, Radiation Safety Associates (20 hrs), INS RSO Training Program (40 hrs., GA Johnstone) Gamma Spectroscopy, Canberra, Inc. (40 hrs.)

EXPERIENCE: INS Corporation (10/87-present) Assistant Plant Manager - Royersford plant. Supervises daily Health Physics and measurements as necessary. Completes and maintains HP records. Conducts training classes in radiation safety for employees. Direct maintenance of plant machinery and equipment. Responsible for personnel safety during operations.

INS Corp. (85-10/87)-Plant Manager/Radiation Safety Officer at Honolulu Hawaii plant. Supervises daily operations. Manages personnel. Performs daily Health Physics & measurements. Completes & maintains HP records. Responsible for personnel safety during operations, including radiation safety.

INS Corp. (84-85)-Assistant Plant Manager/Assistant Radiation Safety Officer, Royersford, PA. Supervises daily operations. Manages personnel. Performs daily Health Physics & measurements. Completes & maintains HP records. Responsible for personnel safety during operations, including radiation safety.

Asst PM/Alt. RSO

Glenn R. Marshall

Education: Coursework (apprx. 50 hours) Fairleigh Dickinson University.

Navy Nuclear Power School.

Experience: INS Corporation (Feb. 1988 - pres.) Assistant plant manager/ Asst. RSO, Royersford, PA plant. Supervise daily Health Physics and measurements as necessary. Complete and maintain HP records. Conduct training classes in radiation safety for employees. Direct maintenance of plant machinery and equipment. Responsible for personnel safety during operations.

US Navy (9/79 - 10/87) Leading ELT. Qualified all mechanical watch stations. Operated and maintained all propulsion equipment. Responsible for overall maintenance of steam plant and reactor chemistry control and radiological controls. Radiation and contamination control, water purification.

Northern Ops. Mgr.

John Badey

EDUCATION: BS Engineering, Drexel University

Additional Courses: Industrial Engineering, Hicks Institute. Finance for non-financial managers, Cooper Industries. Approximately 160 hours classroom instruction, INS Corporate Health Physics Department.

EXPERIENCE:

INS Corporation (May, 1988 - present) Northern Operations Manager. Develop and meet budget requirements. Develop and implement business objectives. Generate and approve procedures for operations. Directly supervise all regional plant managers. Develop and maintain customer relations. Enforce all company policies and procedures. Work with Corporate Health Physics to assure regulatory compliance.

Cooper Industries (1986 - 1988) McGraw-Edison Division. Plant Manager. Responsible for all plant operations for the Greenwood, SC plant, including accounting, material management, manufacturing, engineering, QC, data processing, and personnel.

Cooper Industries (1984 - 1986) Nicholson Saw Division. Manufacturing Manager. Responsible for directing manufacturing operation for the plant. Included manufacturing, inventory control, machinery maintenance and tool room.

Cooper Industries (1981 - 1984) Nicholson Saw and Cooper Steel. Quality Control Manager. Responsible for directing the quality control departments for both divisions. Developed new products and processes for introduction into the marketplace.

Gould-Brown. Boveri (1968-1981) Quality control Supervisor/Engineer (1968-1978), Quality Control Manager (1978-1981). Responsible for the relocation and start-up of the quality control department from Philadelphia, PA to Florence, SC. Supervise the start-up of quality departments at two plants. Supervised the start-up of waste-treatment plant, obtaining necessary permits from regulatory agencies.

Mgr. HP & Engineering: Guy R. Wilson

EDUCATION: B.S. Mathematics major, Louisiana State University
M.S. Environmental Eng. Mississippi State University

Thesis: A Gamma Rad. Dose Model for Comparison of Normal Risk Between Alt. Routes for Highway Transportation of Radioactive Materials & Waste.

Graduate studies include env. radioactivity, radwaste treatment & disposal, surface & groundwater transport; chemical, physical & biotreatment design, geophysics.

Short Courses: BWR Systems for Engineers (5 weeks), BWR Systems (4 wks), Nuclear Power Plant Accident Assessment (1 wk), Rad Emergency Response Ops (2 wks), Rad materials transportation workshops & several minor seminars in HP.

EXPERIENCE: INS Corp. (11/86-present)-Manager, Health Physics and Engineering-responsible for overall administration of radiation safety program for over 600 radiation workers. HP audits, procedure & design generation, review & approval; licensing of facilities; regulatory interface & direct supervision of corporate HP staff. Research and Development.

INS Corp. (2/86-11/86)-Senior Radiological Engineer. Resp. for ALARA design, const. management & operating procedure development for nuclear waste water processing systems for nation's largest fixed facility decon business. Resp. for reg compliance & HP audits at a fraction of INS facilities.

MS. Dept. of Health, Rad Health (rad control/-agreement state agency 7/83-2/86). Environmental Engineer/Branch Dir., Rad Waste & Trans. Reviewed proposed mods of tech specs governing operation of GGNS (BWR-6 design). Developed & instructed an HP course for dept. Technical advisor to SF LLW Compact Commission. Developed new state regs trans. of RAM.

MP&L Co. (3/82-4/83). Nuclear Licensing review of proposed mods to nuclear waste water processing sys. for GGNS. Software design & mods. for Nuclear Lic. mod. computer based tracking sys. for reg. compliance, tech specs, & licensee event reports. Dev. rad assess software used in emergency exercises for GGNS by MP&L.

(73-82) Design calc & survey management as consultant with several large design groups, spec in industrial & municipal wastewater treatment.

Corp. Health Physicist: Susan L. Fanelli

EDUCATION: B.S. Chemistry major, Clarkson University.

Short Courses: Internal Radiation Dosimetry, Dr. K.W. Skrable, June, 1984, Respiratory Protection, Central Connecticut State University, October, 1985.

EXPERIENCE: INS Corp. (10/85-present) Corp. Health Physicist. Responsible for maintaining radiation dosimetry programs, computer data bases, and corporate-wide training program. Supervise HP technicians. Generates training material. Procedure writing. Researches and advises Manager of HP and Engineering on internal dosimetry and bioassay.

Southern Space, Inc. (5/82-10/85) Health Physics/QA Manager. Managed HP technicians corporate wide. Maintained compliance with government regulations for handling radioactive material. Designed and implemented new QA programs for all employees. Developed procedures for instrumental analysis of effluent, environmental, and biological samples. Performed internal audits, worked with regulatory agencies and insurance auditors.

Southern Space/INS Corp. (5/84-12/86) Product Manager. Manage technicians in a respirator filter recertification program in compliance with government regulations. Scheduled, maintained production and assured the output of a quality product. Handle technical services and QA audits.

Masonic Medical Research Laboratory (9/81-4/82) Research Assistant. Developed and carried out experiments aimed at determining the causes of aging. Prepared graphic material for publication, performed statistical interpolation, and computer programming.

Indium Corporation of America (2/81-9/81) Analytical Chemist. Analyzed metallic alloys, for use in the electronic industry using an Atomic Absorption Spectrophotometer.

Avon Products, Inc. (9/79-6/80) Quality Control Chemist. Responsible for testing raw ingredients for use in the cosmetic industry using instrumental and wet analyses.

Midwest Acct. Mgr: Victor M. Crusselle

EDUCATION: Coursework Mechanical Engineering, University of South Carolina.

Naval Nuclear Power School

Short Course: Radioactive Material Transportation, Department of Energy.

EXPERIENCE: INS Corp. (4/88-pres.) - Midwest Accounts Representative. Technical representative for customer accounts and sales. Maintains rapport with customers, liason between operations and customers.

INS Corp. (4/87-4/88) - Radiation Specialist. Responsible for regulatory compliance on all rad waste and transportation issues. Perform periodic Corporate HP audits. Assist Manager of Corporate Health Physics in prescription and execution of radiation safety program corporate wide.

INS Corp. (3/86-4/87) - Plant Manager, Pleasanton CA. Supervised personnel and daily operations. Performed daily health physics measurements and responsible for personnel safety during operations, including radiation safety. Responsible for HP record generation and maintenance.

INS Corp. (12/85-3/86) - Plant Manager trainee, Vicksburg MS. Supervised daily operations. Trained in all aspects of plant operation.

Naval Nuclear Power Training Unit (8/82-12/85)- Radiological Controls Shift Supervisor/Instructor. Responsible for radiological controls during major refueling overhaul. Taught chemistry and radiological controls theory and practical applications for student training on nuclear power plants.

Naval Submarine Tender (8/80-8/82) - Radiological Controls Shift Supervisor. Responsible for radioactive waste processing and transportation, laundering of protective clothing, and decontamination of highly contaminated articles.

Naval Nuclear Submarine (8/78-8/80) - Leading Engineering Laboratory Technician. Responsible for performing all radiological and chemistry controls associated with operating a nuclear power submarine.

Health Physicist

C. Renee Echols

EDUCATION: Graduate Studies in Animal Nutrition, Mississippi State University.

BS Animal Science, Mississippi State University

Additional Courses: Radiological Emergency Response Training, Nevada Test Site; 5-week Radiation Protection course, Oak Ridge Associated Universities; Radiological Accident Assessment, NETC; Instructional Techniques, MEMA; Radiological Train-the-Trainer Course, NETC.

EXPERIENCE: INS Corporation (July, 1988 - present) Health Physicist. Responsible for regulatory compliance on all radioactive materials transportation and radwaste issues. Performs periodic radiation safety audits. Procedure writing and editing. Assist Manager Corporate Health Physics in prescription and execution of radiation safety program corporate wide.

Mississippi State Department of Health/Division of Radiological Health (July, 1984 - August, 1988) Senior Health Physicist. Responsible for technical evaluation and advisement to state on radioactive waste issues. Drafted RAM transportation regulations. Instructed FEMA series of radiological training courses as FEMA-certified instructor. Coordinated off-reactor-site state and local emergency planning and exercises, including scenario development and exercise participation to meet NUREG-0654 guidelines.

Alt. Plant Mgr.

Steven M. Eno

EDUCATION: B.S. Agricultural Mechanization, Pennsylvania State University.

EXPERIENCE: INS Corporation (10-87-present) Assistant Plant Manager. Supervises daily Health Physics and measurements as necessary. Completes and maintains HP records. Conducts training classes in radiation safety for employees. Direct maintenance of plant machinery and equipment. Responsible for personnel safety during operations.

INS Corporation (3/86-10/87) Plastic Volume Reduction Supervisor. Responsible for the maintenance and use of corporate Plastic Volume Reduction System. Supervises daily operations of the system.

Bechtel Power Corp. (12/84-3/86) Radwaste Specialist, Limerick Generating Station. Planned, supervised, and coordinated decontamination activities. Processed and prepared radioactive wastes for shipment. Supervised work crews for plant housekeeping in the reactor enclosure.

Victor F. Weaver, Inc. (11/82-12/84) - Maintenance Mechanic. Fabricated and modified machinery for processing. Perform preventive maintenance on all machinery. Repair of mechanical, electrical, hydraulic and pneumatic systems. Experience in welding.

Treatment Plant Operator - Monitored all stages of wastewater treatment. Collect samples and perform chemical analyses.

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03218
STATUS CODE: 0
FEE CATEGORY: 6A
EXP. DATE: 19890131
FEE COMMENTS: CALIBRATION IS FOR THE
.....

LICENSE FEE TRANSMITTAL

A. REGION 1

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: INTERSTATE NUCLEAR SERV. CORP.
RECEIVED DATE: 880810
DOCKET NO: 3020934
CONTROL NO.: 109396
LICENSE NO.: 37-23341-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$ 170
CHECK NO.: 017605

3. COMMENTS

SIGNED _____
DATE 8/23/88

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

1. FEE CATEGORY AND AMOUNT: 6A \$ 170

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

AMENDMENT _____
RENEWAL _____
LICENSE _____

3. OTHER _____

SIGNED _____
DATE 8/23/88