



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

JOHN D. LEONARD, JR.
VICE PRESIDENT - NUCLEAR OPERATIONS

January 30, 1985

SNRC-1138

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

On-Shift Advisors
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

- Reference
1. Facility Operating License NPF-19 (Shoreham), license condition No. 19 (December 7, 1984)
 2. Supplement No. 8 to the Safety Evaluation Report for Shoreham (December 7, 1984), Section 13
 3. Letter SNRC-1075 dated September 6, 1984
 4. Letter SNRC-1068 dated July 25, 1984

Dear Mr. Denton:

Per LILCO's commitment in the Reference 3 letter, enclosed please find resumes of new On-Shift Advisors (OSA) who will supplement the shift operating crews until the requisite hot operating experience has been obtained. These gentlemen include Messrs. DeVries, Goodin, Maki and Roberts, and are in addition to our current OSA's Messrs. Drake, Lee, Strickland and Varnadore whose resumes were submitted via the Reference 4 letter.

These OSA's are currently undergoing training and testing. The NRC Staff has been invited to observe the oral and written examinations.

We trust this provides information in accordance with References 1 and 2. If additional information is required, please do not hesitate to contact this office.

Very truly yours,

Jeffery A. Smith for
John D. Leonard, Jr.

Vice President - Nuclear Operations

NRL:ck

Enclosures

cc: P. Eselgroth

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John DeVries

OPERATIONS SHIFT SUPERINTENDENT

Experience Highlights

- Over eleven years experience in the nuclear power industry.
 - SRO License
 - Initial fuel load of 550 Megawatt BWR
 - Initial startup of 550 Megawatt BWR
 - Six refueling outages
 - Yearly requalification of current NRC license
- Eight years experience in U.S. Navy Nuclear Program.
 - Engineering Watch Supervisor
 - Nuclear Instructor at Idaho Navy Prototype

Professional Experience

1983-1984 Owner/Operator, Arlington Beach Resort
Arlington, South Dakota

1978-1983 Duane Arnold Energy Center, Palo, Iowa
Operations Shift Superintendent responsible for the overall operation of DAEC Unit 1. Responsibilities include coordination of inter-departmental activities during plant operations, supervision of plant recovery from transients and abnormal conditions, as well as reviewing operations procedures and practices for plant embetterment. Refueling outage responsibilities included overall coordination of outage crew and equipment, supervising fuel moves, reviewing and revising refueling programs, rescheduling tactics to shorten outage times and approving all work activity prior to commencement. Other responsibilities including training of plant personnel in preparation for NRC licensing, conducting special testing during system or plant modification as well as providing technical guidance to other departments as part of the Operations Review Committee. Coordinated DAEC Human Factors Team.

1972-1978 Duane Arnold Energy Center, Palo, Iowa
Reactor Operating Engineer. Initial Start-up and operation of DAEC Unit 1 Nuclear Power Plant. Responsible for adhering to operating procedures for start-up, shutdown and power changes as the Shift Supervising Engineer directed. Participated in initial core loading, low power physics testing, fuel inspection, subsequent defueling and refueling operations as well as line-up systems for operation or maintenance. Other responsibilities included review and revision of all normal, abnormal, emergency and special test procedures, submitting design change requests and physically maneuvering the plant controls during normal and abnormal operating conditions.

Professional Experience (cont.)

1964-1972 U.S. Navy, USS Thomas Jefferson
Engineering Watch Supervisor. Responsible for start-up
shutdown and operation of the S5W Nuclear Reactor.

U.S. Naval Training Center, Idaho Falls, Idaho
In hull Nuclear Instructor to navy personnel training for
all nuclear navy positions.

Education

- Iowa Electric Light & Power Company, DAEC
 - SRO License Training
 - RO License Training
 - On-site Review and Training
 - Observation Training at Operator Reactor (Iowa State University)
 - Management Seminars by Iowa University
- General Electric Company
 - BWR Operator Training for Cold Licensing
 - BWR Technology
- U.S. Navy
 - Qualified 3 Naval Nuclear Plants
 - Nuclear Instructor Training, Idaho Falls
 - Advanced Nuclear Power School
 - Basic Nuclear Power School
 - Machinist Mate "A" School

Richard C. Goodin

Summary of Experience

More than twenty years experience in nuclear power and related fields. Twelve years solid nuclear power plant experience: operations supervisor, NRC reporting requirements, procedures review, start-up test review, and general report preparation. Eight years experience as electronics technician and instructor.

Experience

Record: Commonwealth Edison
Chicago, Illinois
Dresden Nuclear Power Station

1976 to
Present

Shift Engineer: I am responsible for the safe and efficient operation of the station equipment under my direction.

My responsibilities include: (1) operation of the plant in compliance with the station's operating license and procedures; (2) direct observation of each unit by overview of the control boards; (3) supervise and assign work to the Shift Control Room Engineer and the Shift Foreman; (4) authorize surveillance testing and placing equipment in or out of service; (5) directly responsible for the operation of the plant during any transients; (6) initiate and direct appropriate notifications to government agencies.

1973 to
1976

Shift Foreman: Responsible for supervising operations in the plant. Responsibilities include the following: (1) evaluate operating conditions and take corrective action for any unusual condition; (2) act as troubleshooter and conduct training; (3) act as the Station Fire Chief; (4) supervise the Nuclear Station Operators, Equipment Operators, and Equipment Attendants.

1971 to
1973

Engineering Assistant: Reviewed start-up tests. Prepared reports to various agencies. Wrote and reviewed station procedures.

1968 to
1971

United States Navy

Electronics Training Instructor: Subject matter encompassed basic electrical principles and advanced through transistor theory, vacuum tube theory, pulse techniques, and high frequency transmitter and receiver theory and maintenance. Supervised and demonstrated experiments in electronic principles and troubleshooting techniques.

1965 to 1968 Electronics Technician: Supervisor of the Fleet Electronics Calibration Laboratory on board USS Fulton AS-11. My duties consisted of supervising and training seven men in the troubleshooting repair, and calibration of general test equipment.

Occupational Training Boiling Water Reactor Training Center, 1973
Naval Training Center, Instructors Training "C" School. 1968
Lowery Air Force Base, Precision Measurements Electronics "B" School. 1965
Naval Training Center, Electronics Technician "A" School. 1964

Education Wichita University, Electrical Engineering. 1961 to 1964
Clarkson College of Technology, Electrical Engineering. 1960 to 1961

Military Service United States Navy. 1962 to 1971

Professional License Senior Reactor Operator, Dresden 1, 2, 3. 1973 to present.
License number SOP-1978.

Personal Data Born January 15, 1942. Wichita, Kansas
Single

ROBERT J. MAKI

SUMMARY OF

QUALIFICATIONS:

Over twenty years experience in Mechanical Technology. Very high skills and experience in supervising the installation, adjustment, calibration, maintenance, repair, and operation of a broad range of nuclear and non-nuclear equipment. Experienced on nuclear propulsion systems, steam plants, diesel engines, HVAC systems, refrigeration systems, etc. An excellent technical administrator with significant experience in planning and estimating. Highly skilled in the research and preparation of operational procedures and related technical manuals.

EDUCATION:

Nuclear Power Prototype School, U.S. Navy (36 weeks, 1962). Course designed to equip graduates with proficiency necessary to control a multi-million dollar reactor plant and meet the qualifications of Engineering Watch Supervisor.

Nuclear Power Basic School, U.S. Navy (24 weeks, 1961). Curriculum included: General Physics, Math, Reactor Physics, Water Chemistry, Radiological Controls, Reactor Plant Technology, Reactor Plant Operations, Reactor Safety Analysis, etc.

Maintenance Management, U.S. Navy (1 week, 1972).

Fire Fighters School, Naval Damage Control Training Center, U.S. Navy (1 week, 1966). Completed primary course of instruction in fire fighting.

Welding School, General Electric Company (20 weeks, 1962).

Damage Control Course, U.S. Navy (1 week, 1961).

Class "B" Boilerman School, U.S. Navy (16 weeks, 1961). Training in automatic combustion control, maintenance and repair of propulsion boilers.

Class "A" Boilerman School, U.S. Navy (10 weeks, 1956). Training in marine boilers, instrument systems, water conservation control, etc.

CERTIFICATION
AND CLEARANCE:

Certified Ship's Force Nuclear Inspector, 1973 - U.S. Navy.

Certified Engineering Watch Supervisor (Nuclear), 1956 - U. S. Navy.

Secret Clearance, 1961 to present - DOD.

EMPLOYMENT: August 1983 - Present
Shift Supervisor
Responsible for directing the activities of all operations personnel on my shift and insuring that the plant was operated in accordance with all Company, Local, State and Federal requirements.

December 1982 - June 1983
SRO Training
June 1983 issued Senior Reactor Operator Permit.

October 1979 - December 1982
Watch Foreman
Responsible for supervising the activities of Control Room and Equipment Operators.

July 1978 - October 1979
July 1978 NRC Reactor Operator Permit #4774
Control Room Operator
Responsible for supervising the activities of Equipment Operators and operating the plant under normal, abnormal and outage conditions.

August 1977
Power Authority State of New York
Fitzpatrick Station
Nuclear Operator C
In training for NRC license exam.

November 1955 - July 1977
United States Navy - Final Range: Senior Chief Machinist Mate (Nuclear) E-8
Major assignments:
-Jan. 1975 - July 1977 Auxiliary Division Leading Petty Officer and Acting Division Officer, USS VIRGINIA (during construction and testing).
-August 1972 - December 1974 Engineering Watch Supervisor, USS TRUXTUN
-July 1971 - July 1972 Nuclear Repair Supervisor, U.S. Submarine Base, Pearl Harbor, Hawaii
-February 1970 - July 1971 Auxiliary Division Leading Petty Officer, USS KEPPLER
-May 1965 - January 1970 Engine Room Leading Petty Officer, USS TRUXTUN

November 1955 - July 1977 (cont'd)
Primary Duties and Responsibilities: Supervised the installation, adjustment, calibration, troubleshooting, maintenance, repair, and operation of a broad range of mechanical equipment on both nuclear and conventional ships. This included nuclear propulsion systems, steam plants, diesel engines, HVAC and refrigeration systems, and many others. Served as Engineering (Nuclear) Watch Supervisor on both USS VIRGINIA and USS TRUXTUN. Have done extensive work in the research and preparation of technical manuals for the maintenance and repair of nuclear propulsion equipment.

Accomplishments and Achievements: Significantly improved operational and technical procedures on all assignments. Set up procedures for the operation of both nuclear propulsion systems aboard USS VIRGINIA. Was selected to supervise the decontamination of the reactor plant of USS TRUXTUN. Received a cash award from the U.S. Navy for developing an improved method of repairing seal rings of valves. Received numerous letters of commendation and appreciation.

Reason for Leaving: Having completed over twenty years military service. Desire to enter civilian employment.

PERSONAL:

SS# 373-36-7947
Married
Excellent Health

RAYMOND R. ROBERTS, JR.

SUPERVISORY SERVICE ENGINEER

Experience Highlights

- ° Over eleven years experience in the nuclear power industry
- ° Operations Consultant at Grand Gulf Nuclear Station
 - SRO License
 - Initial fuel load of 550 Megawatt BWR
 - Initial start-up of 550 Megawatt BWR
 - Six refueling outages
 - Yearly requalification of current NRC license
- ° Over eleven years experience in U.S. Navy Nuclear Program
 - Engineering Watch Supervisor
 - Master Chief Electricians Mate
 - Senior Engineering Non-Commissioned Officer
 - Initial start-up of three S5W PWR's
 - Qualified operator of S3G PWR

Professional Experience

- Present Quadrex Corporation Tulsa, Oklahoma
Presently assigned to Mississippi Power & Light Company's Grand Gulf Nuclear Station as a Shift Consultant for start-up of Grand Gulf Unit 1. Responsibilities include advisor to Shift Superintendents for start-up and testing of Grand Gulf Unit 1 and helping to insure the license commitments to the NRC are satisfied. Perform as lead member of the Work Control Group responsible for scheduling operations work and testing, assigning technical specification requirements on work orders as well as screening design change packages and updating procedures as required.
- 1978 to Duane Arnold Energy Center, Palo, Iowa
1983 Operations Shift Superintendent responsible for the overall operation of DAEC Unit 1. Responsibilities include coordination of inter-departmental activities during plant operations, supervision of plant recovery from transients and abnormal conditions, as well as reviewing operations procedures and practices for plant embetterment. Refueling outage responsibilities included overall coordination of outage crew and equipment, supervising fuel moves, reviewing and revising refueling programs, rescheduling tactics to shorten outage times and approving all work activity prior to commencement. Other responsibilities including training of plant personnel in preparation for NRC licensing, conducting special testing during system or plant modification as well as providing technical guidance to other departments as part of the Operations Review Committee.

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- 1968 to U. S. Navy, U. S. Naval Submarine School, Groton, Connecticut
1972 Senior Instructor (Master Chief Electricians Mate). Senior electrical advisor to nuclear-trained officers qualifying for Chief Engineer. Chief instructor in the Officer's Basic Submarine Training Program.
- 1969 to Wyre Wynd, Inc., Jewett City, Connecticut
1972 Shift Supervisor. Responsible for Quality Control and stranding operations of wire produced while still in the Navy.
- 1961 to Nuclear Powered Polaris Submarines
1968 Senior Engineering Non-Commissioned Officer. Qualified Engineering Watch Supervisor. Directly responsible for inspecting, testing and accepting the electrical power distribution system of three nuclear powered submarines under construction. Supervised the operation of a naval nuclear power plant. Participated in three initial start-ups of naval submarine nuclear power plants. Directed the preventive and corrective maintenance on associated electrical components. Planned, supervised, and conducted on-the-job training for all nuclear operators.
- 1957 to Reserve Fleet, Astoria, Oregon
1959 First Line Supervisor in charge of 125 electricians servicing 225 reserve fleet ships. Directed and performed preventive and corrective maintenance on ships.
- 1953 to Air Craft Carriers
1957 Operator/Supervisor. Responsible for the operation and maintenance for the entire ships electrical distribution system.

Education

- ° Iowa Electric Light & Power Company, DAEC
- SRO License Training
- RO License Training
- On-site Review and Training
- Observation Training at Operator Reactor (Iowa State University)
- Management Seminars by Iowa University

Education (Cont'd.)

- ° General Electric Company
 - BWR Operator Training for Cold Licensing
 - BWR Technology

- ° U.S. Navy
 - Instructor Training Course
 - Special Nuclear Power Training Program
(Westinghouse S5W Reactor at Bettis Atomic Power Laboratory)
 - Advanced Nuclear Power School
 - Basic Nuclear Power School
 - Electricians Mate Advanced Course
 - Electricians Mate "B" School
 - Electricians Mate "A" School