



**LOUISIANA  
POWER & LIGHT**

142 DELARONDE STREET  
P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

May 14, 1984

W3P84-1346  
Q-3-A29.13

Director of Nuclear Reactor Regulation  
Attention: Mr. G.W. Knighton, Chief  
Licensing Branch No.3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: Waterford SES  
Docket No. 50-382  
Licensee Qualification

REFERENCE: LP&L Letter W3P84-1202,  
dated April 30, 1984

Dear Sir:

Per the request of Mr. R. Benedict of the Licensee Qualification Branch(LQB), the referenced letter provided detailed resumes for Waterford 3 management and support personnel. To supplement these, please find attached detailed resumes for the control room and shift supervisors. We understand that this is adequate to address the remaining LQB issues for Waterford 3.

Your very truly,

K. W. Cook  
Nuclear Support & Licensing Manager

KWC/RMF/oa

cc: E.L. Blake, W.M. Stevenson, J.T. Collins, D.M. Crutchfield, J. Wilson,  
G.L. Constable, R.A. Savoie, R. Benedict

8405220245 840514  
PDR ADOCK 05000382  
A PDR

*Moob*  
11

Mr. Raymond R. Booher

Nuclear Operations Supervisor

Education

High School	Southern Huntingdon County	1965
Naval Nuclear Schools	Bainbridge, Maryland	1966
	Windsor Locks, Connecticut	1967
Reactor Research	Penn State University	1975
B & W Simulator	Lynchburg, Virginia	1976
CE Simulator	Windsor, Connecticut	1983

Nuclear Experience Summary

Navy Nuclear Power Program	1965--1971
Three Mile Island	1971--1981
Waterford III	1981--Present

Work Experience

Mr. Booher joined Louisiana Power & Light Company in April, 1981, as Nuclear Operations Supervisor. At that time, he had ten years in the nuclear utility industry, including experience in both startup and operations. From 1971 through 1981 he held the position of Auxiliary Operator and Licensed Reactor Operator (Hot) at the Three Mile Island Plant in Pennsylvania, with responsibilities for startup and operations on Units 1 and 2. Mr. Booher graduated from the U.S. Navy Nuclear Power School in Bainbridge, Maryland in 1966, and in 1967 from the U.S. Navy Submarine School in New London, Connecticut. He received his certificate as a Nuclear Operator on the U.S. Navy Nuclear Power School Prototype in Windsor Lockes, Connecticut. He also studied in the Reactor Research Department of Pennsylvania State University graduating in 1975 and 1980 in Reactor Theory and Sub-Critical Multiplication. In 1976, he completed the Operation Training Course run by Babcock and Wilcox in Lynchburg, Virginia. Mr. Booher served six years as a Nuclear Machinist Mate after entering the U.S. Navy in 1965.

He has completed the Machinist Mate "A" school and graduated from the USN Nuclear Power Program. He served as an Engineer Room Supervisor on an operating ballistic missile nuclear submarine.

Mr. Booher participated in the startup efforts of Three Mile Island Units I and II. While employed at TMI, he completed the Pennsylvania State University Reactor Research Course, the Babcock & Wilcox eight week simulator course, TMI Fire Fighting Program and participated in the TMI Emergency Plan. After extensive on-site training, he was involved in the initial and post initial fuel loadings of both TMI Units, initial criticality and subsequent low power physics & power range testing and commercial operations. He has performed several plant heatups and cooldowns. He was tested and received his NRC Hot License in 1977. He was also directly involved in the TMI II core cooldown and post accident systems startup.

Professional Affiliation

Louisiana Nuclear Society

Mr. Michael D. Bourgeois

Shift Supervisor

EDUCATION

High School

St. Charles Barromeo  
Destrehan, LA

NUCLEAR EXPERIENCE SUMMARY

Commercial: 6.5 years

Other: 7 years

WORK EXPERIENCE

Mr. Bourgeois served seven years in the U.S. Navy from 1964-1971. He completed USN Machinist Mate "A" School, Nuclear Power Program, and Engineering Laboratory Technician School. He served as Operator and E.L.T. during power operation and refueling of a Nuclear Powered Cruiser. He also served as Radiological Controls Supervisor on a Nuclear Submarine Tender.

He joined LP&L in November, 1977 and reported to the site in December, 1977. He has completed formal Cold License Training, was involved in Start Up Support and Testing, and was issued a Senior Operator License in November, 1983. He was promoted to Shift Supervisor in November, 1983.

Mr. Robert K. Brinkley

Control Room Supervisor

Education

Naval Nuclear Power School  
USN Electrician Mate "A" School  
USN Basic Nuclear Power School  
USN Nuclear Prototype Training  
USN Electrician Mate "C" School

Nuclear Experience Summary

Navy Nuclear Power Program: 8 years  
Commercial Nuclear Power: 4 years

Work Experience

Mr. Brinkley joined LP&L in June 1980 as a Nuclear Auxiliary Operator; he was promoted to Nuclear Plant Operator in October 1983 and now holds the position of Control Room Supervisor. Prior to LP&L, Mr. Brinkley served with the US Navy, spending 2 years in training and 6 in power operations. As an Electrical Operator on the USS Sea Devil, was responsible for proper operation & maintenance of the Electric Power System & associated auxiliaries in a naval nuclear propulsion plant. While on Engineering Watch, supervised & directed operation & maintenance of a naval nuclear propulsion plant.

While at LP&L, Mr. Brinkley completed training at the Florida University Training Reactor, NUS study course Reactor Theory & Plant Fundamentals, Simulator Certification at CE, and obtained an SRO license in November 1983.

NS10081SEG

Terry D. Brown

Control Room Supervisor

Education

High School

Henderson County Junior College (Texas) - 1 year engineering

Naval Nuclear Power School

Electronic Technician "A" School

Nuclear Experience Summary

Navy Nuclear Power Program: 11 years

Commercial Nuclear Power: 3 years

Work Experience

Mr. Brown joined LP&L in April 1981 as a Nuclear Plant Operator. Responsibilities included plant & control room operations during cold hydro, hot functional testing, and system walkdown checklist completion, procedure preparation & review, preoperational testing, and description reviews. As a Senior Reactor Operator, directed the activities of nuclear plant operators. As Control Room Supervisor, directs the activities of the control room personnel; in addition, assisted in developing the Procedures Generation Package for operations which included function based emergency operating procedures (EOPs), Technical Guidelines for EOPs, & validation & verification of EOP.

Prior to LP&L, Mr. Brown was with the US Navy from April 1970 to May 1981. From April 1970 to August 1972, Mr. Brown underwent Electronic Technician "A" School, Nuclear Power School, and Prototype Training at Idaho Falls. While in the navy, Mr. Brown was a Reactor Operator and Engineering Watch Supervisor on the USS Lewis & Clark and the USS Shark, and was a RadCon Supervisor on the USS Simon Lake. As a RadCon Supervisor, served as Leading Petty Officer for Radiological Controls on board this submarine tender.

NS10081SEG

Mr. Thomas E. Brown

Shift Supervisor

EDUCATION

USN Basic Nuclear Power School  
USN Machinist Mate "A" School  
USN Nuclear Prototype Training  
Delgado Jr. College - 12 semester - hours

NUCLEAR EXPERIENCE SUMMARY

Navy Nuclear Power Program: 4.5 years  
Commercial Nuclear Power: 4.5 years

WORK EXPERIENCE

Mr. Brown joined LP&L in June 1983. Prior to joining, Mr. Brown was an Operations Consultant to Waterford 3 from August 1981 to May 1983. Responsibilities included development of operating procedures, and as a Contract Shift Supervisor, responsible for supervising plant and control room personnel during startup testing. Prior to this, Mr. Brown was with Alabama Power Company at Farley Units 1 & 2. From January 1981 to July 1981, as a Reactor Operator, was responsible for proper operation of plant systems. From November 1978 to January 1981, performed duties as an auxiliary operator. Prior to Alabama Power, Mr. Brown was with the U. S. Navy from June, 1975 to October, 1978. Positions included Mechanical Operator, Engine Room Supervisor, and Engineering Watch Supervisor. Duties included operation and maintenance (and supervision of such activities) of steam plant and reactor auxiliary equipment in a naval nuclear propulsion plant.



Mr. Albert D. Bowers

Control Room Supervisor

Education

High School

Comden High School, Comdon, South Carolina

College

Clemson University (1 year)

Nuclear Experience Summary

U. S. Navy                      6 years

Construction                6 years

Work Experience

Mr. Bowers joined LP&L in June 1978. His previous experience was in the United States Navy Nuclear Power Program where he spent 8 years and was a qualified Reactor Operator and Shutdown Maneuvering Area watch. Since joining LP&L Mr. Bowers has been involved in training for his operating license which he received in November 1983.

Professional Affiliations

None.

Mr. Gregory G. Davie

Shift Supervisor

EDUCATION

Carnegie-Mellon University - 3 years of Mechanical Engineering

University of Pittsburgh - 1 semester of General Mathematics and Science

NUCLEAR EXPERIENCE SUMMARY

Operating: 5 years

Other: 4 years

WORK EXPERIENCE

Mr. Davie joined LP&L Nuclear Operations in November 1982. Prior to LP&L, Mr. Davie was with Duquesne Light Company at the Beaver Valley Power Station. From February 1980 to November 1982, was a Nuclear Shift Operating Foreman (licensed as an SRO). Responsibilities included direction of the operating personnel in accordance with testing, maintenance and operational requirements, detailed personal direction and training of all licensed and non licensed operating personnel on shift, and review of station logs and operations surveillance tests. From April 1977 to February 1980, as a Nuclear Control Operator, was directly involved in Plant Power Escalation Program, all routine operations surveillance testing and clearance of equipment for maintenance. From January 1974 to March 1977, as a Nuclear Operator, was responsible for general preparation of NRC licensing; received RO license in April 1977. From October 1973 to December 1973, performed general administrative duties.



Mr. J. G. Edwards, Jr. Shift Supervisor

Education

1 year (Engineering Undergraduate)

University of New Orleans

Nuclear Experience Summary

Operating: 6 years, U.S. Navy nuclear propulsion Reactor Operator

Other: 7 years, Waterford 3 SES preoperational and startup

Work Experience

Mr. Edwards entered the U.S. Navy in 1961, where he completed Electronics Technician 'A' School, Enlisted Submarine School, Nuclear Power School, and S3G Prototype Training. His military service included extensive experience as a Reactor Operator during several ballistic missile submarine patrols and a shipyard overhaul and refueling which included the first conversion from the S5W to S3G reactor plant. His responsibilities included those of Reactor Control Division Leading Petty Officer until his separation from the Navy in October, 1969.

Mr. Edwards joined LP&L in November, 1969, as a member of the Operations Group of the Little Gypsy SES, a 1250 MWe three unit fossil station. He served as Maintenance Operator for three years, and as Control & Maintenance Operator for four years. During this time he completed the "Introduction to Nuclear Power" and "Power Principles" courses presented by the NUS Corporation.

Mr. Edwards was promoted to Operating & Maintenance Supervisor in February, 1967, and was assigned to the Waterford 3 Nuclear Project Group of the General Office Power Production Department where he helped develop the initial cold license operator training program and the Waterford 3 FSAR. Since December, 1977, he has been permanently assigned to the Waterford 3 plant site where he has undergone extensive Cold License Senior Operator Training consisting of: five-week Academic Refresher Course, eighteen-week Basic Nuclear Technology Course, three-week Research Reactor Course at the University of Florida, ten-week Observation Training Course at St. Lucie Unit 1, eight-week C-E PWR Simulator Training Course, and the Waterford 3 specific BOP Training and C-E NSSS Lecture Series.

Mr. Edwards has also completed a sixty-hour Engineering Fundamentals Review Course, Industrial Fire Training Course at Texas A&M University, LP&L Supervisor's Development Program, and Fundamentals of Supervision Course at Louisiana State University.

Mr. Edwards temporarily filled the position of Operations Superintendent-Nuclear on the Plant Staff from January through July 1981 and has represented the Operations Group on the Procedures and Operations Subcommittee of the CE Owners' Group. He was promoted to Shift Supervisor in November 1983 and was issued a Senior Operator License (No. SOP-43058) in February 1984.

Professional Affiliations

Louisiana Nuclear Society

Mr. J. E. Ellard, III

Shift Supervisor

Education

USN Machinist Mate "A" School

USN Basic Nuclear Power School

USN Nuclear Prototype Training

Nuclear Experience Summary

Navy Nuclear Power Program: 6 years

Commercial Nuclear Power: 6 years

Work Experience

Mr. Ellard attended the University of Texas for two years prior to entering the U.S. Navy in 1970. He served six years in the Navy as a Machinist Mate. He has completed the USN Machinist Mate "A" School, USN Quality Assurance School and has graduated from the USN Nuclear Power Program. He served as a Nuclear Instructor and Mechanical Operator at a U.S. Naval Prototype Training Unit, where he was qualified as Engine Room Supervisor. He has served as Engine Room Supervisor on Nuclear Submarine in new construction where he was involved in system construction and testing, initial core loading and criticality and subsequent low power physics and power range testing. He joined Louisiana Power & Light Company in January, 1977 as Maintenance Operator at Waterford 1 & 2 SES and Thibodaux Power Plant. He served there until December, 1977. He is presently undergoing formal training leading to a senior operator's license. During the course of this training he was promoted to the position of Operating and Maintenance Supervisor in November, 1978. In 1980, his title was changed to Nuclear Operations Supervisor. He has completed the Math and Science Refresher Course, the Research Reactor Course at the University of Florida, Observation Training at the St. Lucie, Florida Nuclear Power Plant, and C-E Simulator eight-week course at Windsor, Connecticut, the Combustion Engineering NSSS Course and the Industrial Fire Training Course at Texas A & M, College Station, Texas.

Mr. James G. Hoffpauir - Control Room Supervisor

Education

United States Navy Electronics Technician School  
United States Navy Nuclear Power School  
Waterford 3 Cold License Training Program

Nuclear Experience Summary

Navy Nuclear Power Program: 4 years  
Commercial Nuclear Power: 4.5 years

Work Experience

James G. Hoffpauir entered the United States Navy in September 1972 following graduation from East Chambers High School. Upon completion of Electronics Technician School he served as an electronics technician aboard the USS SEVERN (A061) homeported in Newport, Rhode Island. In 1975, after completing the USN Nuclear Power Training Program, he was assigned to the S3G Prototype as a Staff Instructor (Reactor Operator). While assigned to the S3G Prototype, he performed duties such as operation and maintenance of the prototype, and training of officer, enlisted, and contractor personnel. He was transferred to Reactor Controls Division on board the fast attack submarine USS SHARK (SSN-591) in 1977. He completed his tour of duty in the USN as Electronics Technician First Class, and Reactor Controls Division Leading Petty Officer.

James G. Hoffpauir joined Louisiana Power & Light in November 1979 as a maintenance operator. He participated in various startup evolutions such as procedure development and review, system flushing and preoperational testing, reactor coolant system cold hydro, and plant hot functional testing. He was promoted to Nuclear Plant Operator in 1981. In November 1983, he was granted a Senior Reactor Operator License by the Nuclear Regulatory Commission after successful completion of cold license training and subsequent testing by the NRC. He presently holds the position of Control Room Supervisor following a promotion in November 1983.

Mark J. Jones (Control Room Supervisor)

EDUCATION

Westinghouse Steam Turbine - Generator  
with DEH Control System Operation Course

LP&L Waterford 3  
Taft, LA

Marine Fire Fighting

Merchant Seaman Fire Training Center  
New Orleans, LA

Nuclear Power Plant Operation

CE Nuclear Power Plant Simulator  
Windsor, Connecticut

Nuclear Reactor Operations Training  
Course

University of Florida Training Reactor  
Gainesville, Florida

NUS Nuclear Energy Training

LP&L Waterford 3  
Taft, LA

U.S. Naval Nuclear Power Prototype  
Training

Naval Reactors Facility - S5G  
Idaho Falls, Idaho

U.S. Naval Nuclear Power School

Mare Island Naval Shipyard  
Vallejo, California

U.S. Naval IC "A" School

San Diego, California

U.S. Naval Basis Electronics & Electricity

San Diego, California

NUCLEAR EXPERIENCE SUMMARY

U.S. Navy - 4 years

Commercial Nuclear Power - 4 years

WORK EXPERIENCE

Mark Jones joined LP&L in January, 1980. His professional experience includes 3 years as an Electrical Operator at a U.S. Naval Nuclear Prototype located at Naval Reactors Facility, NPTU Idaho Falls, Idaho. After completing his nuclear power training as an Electrical Operator, he served as an instructor on the prototype during which time he stood watches with trainees, conducted classes, administered exams (both written and oral), and conducted maintenance.

Since he has been working with LP&L, he has participated in Plant Construction and Startup Testing. He went through the initial Cold License Training program and was one of the initial Senior Reactor Operators licensed for Waterford 3.

Mr. Joseph McAnn

Control Room Supervisor

Education

B. S. Physics (1973) - California State University at Long Beach  
Naval Officer Candidate School  
Navy Nuclear Power Training  
Navy Nuclear Submarine School

Nuclear Experience Summary

Navy Nuclear Power Program: 5 years  
Commercial Nuclear Power: 4 years

Work Experience

Mr. McAnn joined LP&L in September, 1981. Responsibilities include direction of licensed and non-licensed operators on-shift, coordinating routine maintenance and operations activities, and procedure development; received a SRO license in November, 1983. Prior to LP&L, Mr. McAnn was with Southern California Edison at San Onofre Nuclear Generating Station Unit 1 from February 1980 to August 1981. As a Shift Technical Advisor, duties included performance in the Independent Safety Engineering Group, evaluating IE Bulletins, Circulars, Notices, and LERs, Secondary Plant efficiency monitoring including heat rate calculation and condenser performance, and tracking Xenon reactivity transients and cycle burnup. Prior to SCE, Mr. McAnn was with the U. S. Navy from June 1975 to February 1980, assigned to the USS Guitarro and served as the Damage Control Assistant, Electrical Officer, and First Lieutenant (Assistant to Weapons Officer). Qualified in submarines, including Officer of the Deck, Engineering Officer of the Deck, Engineering Duty Officer, Ship Duty Officer, and Diving Officer. Directly involved in all phases of submarine operation including Propulsion Plant Operation and Maintenance, Navigation, Weapons Development, Fire Control Systems, Atmosphere Controls, Hydraulic Control Systems, and Submarine Quality Assurance Program.

NS20195



Mr. Dennis I. Olson

Control Room Supervisor

Education

USN Basic Nuclear Power School  
USN Machinist Mate "A" School  
USN Nuclear Prototype Training  
USN Diesel Engine School  
Metropolitan Edison Reactor Operators Course

Nuclear Experience Summary

Navy Nuclear Power Program: 4 years  
Commercial Nuclear Power: 13 years

Work Experience

Mr. Olson joined LP&L in November, 1981. Prior to LP&L, Mr. Olson was with Metropolitan Edison Company at the Three Mile Island Nuclear Facility. From March 1971 to June 1978, as an auxiliary operator, activities included studying systems, procedure preparation, operation of systems and plant equipment, and performing surveillance tests on equipment. From June 1978 to November 1981, as a Control Room Operator, was responsible for operating plant and auxiliary systems and performing technical specification surveillance tests. Prior to Metropolitan Edison, Mr. Olson was with the U. S. Navy from June 1966 to May 1970. As a Mechanical Operator, was responsible for proper operation and maintenance of steam plant and auxiliary equipment in a naval nuclear propulsion unit. As an Engine Room Supervisor, was responsible for supervision of similar activities.



Mr. Frank D. Pauli

Control Room Supervisor

Education

Springfield Jr. College (Illinois)

1 Year General Studies

Nuclear Experience Summary

Operating 12

Other 2

Work Experience

Mr. Pauli joined LP&L in July 1982. Prior to LP&L, Mr. Pauli was with Commonwealth Edison Company from March 1970 to June 1982. From June 1970 to October 1971, was an Equipment Attendant (non-licensed operator) at Quad Cities Units 1 & 2 and also at Zion Units 1 & 2. From October 1971 to January 1973, was an Equipment Operator (non-licensed) at Zion. From January 1973 to November 1973, was a licensed Reactor Operator at Zion. From November 1973 to June 1975, was an Assistant Shift Supervisor (licensed SRO) at Zion. From June 1975 to June 1982, held the position of Shift Engineer with duties of Shift Supervisor, Senior.

Mr. William H. Pendergrass

Control Room Supervisor

Education

High School

1 year Jr. College (Engineering)

1 year Sr. College (Engineering)

University of Florida Research Reactor Certification

Combustion Engineering Simulator Certification

Waterford 3 Senior Reactor Operator License

Nuclear Experience Summary

6 years U. S. Nuclear Navy	1969--1975
Waterford 3 SES	1977--Present
University of Florida Research Reactor	1978
Combustion Engineering Simulator	1979

Work Experience

Mr. Pendergrass joined LP&L in October of 1975 as a fossil plant auxiliary operator at LP&L's Ninemile point generating station. In 1977 he joined the staff at Waterford 3 generating station as a Nuclear Auxiliary Operator. From 1977 to present he has held the position of Nuclear Auxiliary Operator and Nuclear Plant Operator and is presently holding the position of Control Room Supervisor. In 1983 Mr. Pendergrass received his NRC Senior Reactor Operators License for Waterford 3.

Prior to joining LP&L Mr. Pendergrass served 6 years in the U. S. Navy as an Electrical Operator aboard an operating Nuclear submarine.

Mr. William L. Smith

Shift Supervisor

Education

USN Machinist Mate Class A School

USN Nuclear Power Program

University of Florida - Research Reactor Course

Observation Training - St. Lucie Nuclear Power Plant

CE Simulator - Windsor, Connecticut

CE NSSS Course - Texas A & M College Station, Texas

Nuclear Fire Training - Texas A & M College Station, Texas

Nuclear Experience Summary

U. S. Navy                      12 years

Commercial Nuclear Power                      7 years

Work Experience

Mr. Smith entered the U. S. Navy in 1965. He served 12 years in the Navy as a Machinist Mate. He has completed the USN Machinist Mate Class A School and has graduated from the USN Nuclear Power Program. He has served as Engine Room Supervisor on an operating Nuclear Submarine. He has served as a Nuclear Instructor, Division Leading Petty Officer and Leading Crew Chief at a U. S. Naval Prototype Training Unit S7G during the construction and testing phase. He has participated in the initial fueling of a Navy Prototype Reactor and the refueling of a Nuclear Submarine Reactor. He joined Louisiana Power & Light in February, 1977 as a Maintenance Operator at the Waterford 1 and 2 SES and the Thibodaux Diesel Electric Station. In November of 1977 he was assigned to the Waterford 3 Station Staff. He was promoted to Control and Maintenance Operator in November of 1978 and to Operating and Maintenance Supervisor in June, 1979. In 1980 his title was changed to Nuclear Operations Supervisor. In November 1983 he received a Senior Reactor Operators License and was promoted to Shift Supervisor in December, 1983.