



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

NUCLEAR PRODUCTION DEPARTMENT

September 3, 1981

Mr. Paul F. Collins, Chief
Operator Licensing Branch
Division of Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545

SUBJECT: Grand Gulf Nuclear Station
Bechtel Job No. 9645
File: 0260/0272/0092
Application for Operator's
and Senior Operator's Licenses
AECM-81/002

Dear Mr. Collins:

In accordance with the requirements of the U.S. Nuclear Regulatory Commission Code of Regulation 10CFR Part 55, the letter and enclosures are submitted as formal application for Operator's and Senior Operator's Licenses on the Grand Gulf Nuclear Station for those personnel listed in enclosure (1).

It is requested that the license examinations be administered as previously discussed with the Operator Licensing Branch; specifically,

Written Examination	October 28-29, 1981
Walk-through Examination	November 9-13, 1981
	November 16-20, 1981
Performance Examination (Perry Simulator)	December 7-14, 1981

The facilities of the Grand Gulf Nuclear Station will be made available to the examiner for the conduct of the written and walk-through examinations; in addition arrangements have been made with General Electric for the use of the Perry Simulator in Tulsa, Oklahoma, for the performance examinations.

Personal applications are enclosed (enclosure (2)), for each applicant which includes education, formal training, and experience. Each applicant's training and experience has been reviewed for conformance to Regulatory Guide 1.8 and ANSI N18.1 (1971). Based on this review we have determined that each applicant's training and experience demonstrates his ability to operate the controls of the Grand Gulf Nuclear Station in a competent and safe manner.

8508080063 850801
PDR ADDCK 05000416
PDR
Q

Member Middle South Utilities System

EXH (9)

Mr. Paul F. Collins

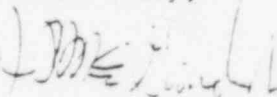
Page 2

During the month of September, Qualification Evaluation Systems, Inc., will administer both oral and written examinations similar in scope and depth to an NRC examination. The results of these examinations together with the applicants' training and experience will be considered by a formal Operator Training Evaluation Committee in early October for the purposes of recommending formal certification of each applicant's ability to competently and safely operate the plant. Those applicants determined to require further training will be withdrawn from the Licensed Operator program until such time that sufficient remedial training is completed.

Physical examinations for each applicant on NRC Form 396 are included in enclosure (3). Outlines of training courses conducted for personnel in the Licensed Operator program are included in enclosure (4). Each applicant will have completed this program through training or experience before the examination.

The services of each applicant as a licensed operator are needed to support our expected fuel load date of December 1981.

Yours truly,



J. P. McGaughy, Jr.
Asst. Vice President,
Nuclear Production

TM/JEC/CKM/JPM/ckp

Enclosures

cc: N. L. Stampley
R. B. McGehee
Troy B. Conner
G. B. Taylor
V. Stello, Jr.

September 3, 1981

bcc: Dr. D. C. Gibbs, Director of Nuclear Activities, Middle South Services
A. Zaccaria, Engineering Manager, Bechtel, Gaithersburg
R. S. Trickovic, Project Manager, Bechtel, Gaithersburg
J. N. Ward, Project Manager, Bechtel, Gaithersburg
C. D. Wood, Field Construction Manager, Bechtel
Richard A. Wheeler, Project Startup Engineer, Bechtel
W. N. Braun, Project Quality Assurance Manager, Bechtel
G. B. Rogers, Jr., Site Manager, MP&L
T. H. Cloninger, Project Engineering Manager, MP&L
R. Hutchinson, Start-up Manager, MP&L
B. D. Stewart, Manager of Construction, MP&L
T. E. Reaves, Jr., Quality Assurance Manager, MP&L
C. K. McCoy, Plant Manager
J. W. Velverton, Field Quality Supervisor, MP&L
A. R. Smith, Project Manager, General Electric, San Jose
J. Martore, U.S. Nuclear Regulatory Commission, Washington, D.C.
P. A. Taylor, U.S. Nuclear Regulatory Commission, Atlanta
A. G. Wagner, Senior Reactor Inspector, U.S. Nuclear Regulatory Commission
D. L. Hunt, Nuclear Plant Quality Superintendent
J. E. Leatherman, Manager BWR-6 Licensing, G.E., San Jose
Dean Houston, Div. Licensing, NRC, Washington, D.C. 20555
Project File
Plant File
AECM File

Enclosure (2)

Personal License Applications

Enclosure 1

List of License Candidates and License Category

Donald Richard Anderson	Senior Reactor Operator
William Clay Bearden	Senior Reactor Operator
Keith William Benefield	Senior Reactor Operator
Lawrence Robert Byrd Jr.	Senior Reactor Operator
Walter Charles Cade Jr.	Senior Reactor Operator
Charles Edgar Cresap Jr.	Senior Reactor Operator
Jay Francis Dotter	Senior Reactor Operator
John Burk Frazier	Senior Reactor Operator
William Keith Gordon Jr.	Senior Reactor Operator
Errol Keith Hall	Reactor Operator
Charles Vincent Hicks Jr.	Senior reactor Operator
Andrea Dee Hotham	Senior Reactor Operator
Ronald Keith Jacobson	Senior Reactor Operator
Gilbert Alan Johnson	Senior Reactor Operator
Roy Green Keeton	Senior Reactor Operator
George Howard Lee	Senior Reactor Operator
Billy George Lewis	Reactor Operator
Gary Duane Lhamon	Senior Reactor Operator
John Forrest Manby	Senior Reactor Operator
James Kelly McDonald	Senior Reactor Operator
George Lewis McMillin Jr.	Senior Reactor Operator
Lee Roy Miller	Senior Reactor Operator
Larry Bevan Moulder	Senior Reactor Operator
Richard Leslie Perryman	Senior Reactor Operator
David Michael Powell	Reactor Operator
Roger Noklin Powers	Senior Reactor Operator
Clark Michael Rice	Senior Reactor Operator
James Lee Robertson	Senior Reactor Operator
Wayne Allison Russell	Senior Reactor Operator
William Michael Shelly	Senior Reactor Operator
Clark Daniel Stafford	Senior Reactor Operator
John Benjamin Warner	Senior Reactor Operator
Paul Michael Whaley	Reactor Operator
James Lamar White	Senior Reactor Operator



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: DONALD RICHARD ANDERSON

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SHIFT SUPERINTENDENT

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF WISCONSIN, MADISON, WISC.
B.S. NUCLEAR ENGINEERING 1973

7. Formal Training:

- 8 week Grand Gulf Technology (GGNS)
- 1 day Fire Brigade Training (GGNS)
- 1 week Fire Brigade Training (Miss. State Fire Academy)
- 2½ day Allis Chalmers Turbine Operation (AC)
- ½ day Fire Brigade Training (GGNS)
- 1 day Quality Assurance Indoctrination
- 2 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs) (GGNS)
- 5 day Plant Operations Course (Admin Requirements) (GGNS)
- SRO Training, Quad Cities Nuclear Power Station
- SRO Retraining, Quad Cities
- Augmented SRO Training, Quad Cities
- 13 day Plant Operations Course (FSAR, IOI's, EPP's) (GGNS)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- 3 day Heat Transfer - Fluid Flow (MSU) Sept 1981
- 6 day Core Thermal Hydraulics, Reactor Physics, Radcon Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L Oct 1980 - Present

Shift Superintendent

Supervise MP&L Personnel on Shift, Supervises all on shift operations in support of Plant Startup and Testing program. Review, revise, write Plant operating, testing, surveillance procedures. Responsible for safe operation of all equipment; directs the activities of all personnel on shift.

Participated in all major Startup evolutions since Oct 1980

Commonwealth Edison Co. Jan 1974 - Oct 1980

Quad Cities Nuclear Power Station

Engineer, Operations Supervisor

Licensed Senior Reactor Operator Aug 1978

Shift Foreman for 1 yr. 4 mo.

Involved in two refueling outages

Performed 10 Reactor Startups for Training

Supervised 5 Reactor Startups, 5 Reactor Shutdowns

Supervised major equipment testing

Radwaste Supervisor

Technical Staff, Thermo Group Leader

Previous Operating Licenses:

SRO License Quad Cities Nuclear Power Station

SOP - 3318

Commonwealth Edison Company

Docket No. 55-6473

Effective Date - August 22, 1980

Donald R. Anderson

Signature of Applicant

8/28/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

☒ NRC Senior Operator License

☐ NRC Reactor Operator License

1. Full Name: WILLIAM CLAY BEARDEN

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

JACKSONVILLE STATE UNIVERSITY, JACKSONVILLE, ALABAMA
B.S. MATHEMATICS 1973

Formal Training:

Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks
12 week Grand Gulf Technology (Cold License Training Course)(GGNS)
1 day Fire Brigade Training (GGNS)
5 day Fire Brigade Training (Texas A&M)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
2 day Fire Brigade Training (GGNS)
2½ day Allis Chalmers Turbine Operations (AC)
7 day Plant Operations Course (Tech Specs)
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
1 week Mitigation of Core Damage (GP) Sept 1981
3 day Heat Transfer - Fluid Flow (MSU) Sept 1981
Cold License Operator Qualification Card
6 day Rx Physics, Core Thermo, Radcon Sept 1981
US Navy S3G Prototype Training 1974
US Navy Nuclear Power Plant 1974

8. Experience:

MP&L

Shift Superintendent

Supervise MP&L personnel on shift, supervises all on shift operations in support of plant startup and testing program.
Review, revise, write plant operating, testing, surveillance procedures.
Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift. Participated in all major startup evolutions.

Shift Supervisor Dec 1978

Supervise all on shift operations in support of plant startup and testing program.
Review, revise, write plant operating, testing, surveillance procedures.
Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

US Navy Aug 1973 - Aug 1978

USS John Adams SSBN-620 Jan 1977 - Aug 1978
Qualified Engineering Officer of the watch, Engineering Duty Officer
Performed 1 Reactor Startup, supervised 2 Reactor Startups
Numerous fast Scram recoveries
Supervised Reactor Pressure Vessel Hydro as EOOW
Reactor Controls Officer

Previous Operating Licenses:

None

William C. Bearden
Signature of Applicant
Aug 31 1931
Date



Member Middle South Utilities System

7. Formal Training:

Certified Reactor Operator Dresden Simulator (GE)
20 week Basic Reactor Fundamentals (Memphis State Univ)
5 week Power Principles and Systems Familiarization (GGNS)
5 week Dresden Technology (GGNS)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GGNS) — — —
8 week Grand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance Indoctrination (GGNS)
12 week Grand Gulf Technology (Cold License Training Course) (GGNS) —
2 day Fire Brigade Training (GGNS)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
1 week Fire Brigade Training (GGNS)
3 day Blue Print Reading (GGNS)
1½ day Fire Brigade Training (GGNS)
2½ day Allis Chalmers Turbine Operation (AC)
7 day Plant Operations Course (Tech Specs) (GGNS)
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Admin Req.) (GGNS)
13 day Plant Operations Course (FSAR, EPP, IOI's)
1 week Mitigation of Core Damage (Sept 1981)
6 day Core Thermal Hydraulics, Reactor Physics, Radcon (GGNS)
3 day Heat Transfer - Fluid Flow (MSU)
Cold License Operator Qualification Card

8. Experience:

MP&L Jan 1977 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program.
Wrote and reviewed operating procedures and system descriptions.
Participated in all major plant startup evolutions to date.

. Previous Operating Licenses:

NONE

Keith William Benfield
Signature of Applicant

8/28/81

Date



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: LAWRENCE ROBERT BYRD JR.

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF MISSISSIPPI, OXFORD, MS. 1966-1969
HINDS JUNIOR COLLEGE, RAYMOND, MS. 1972
JACKSON SCHOOL OF LAW, JACKSON, MS 1972-1974

7. Formal Training:

Certified Reactor Operator Dresden Simulator (GE) 12 weeks
20 week Basic Reactor Fundamentals (Memphis State Univ)
7 week Power Principles and Systems Familiarization (GGNS)
7 week Reactor Fundamentals Review (GGNS)
5 week Dresden Technology (GGNS)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GGNS)
8 week Grand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance Indoctrination
12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
1/2 day Fire Brigade Training
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
1 week Fire Brigade Training (GGNS)
3 day Fire Brigade Training (GGNS)
2 1/2 day Allis Chalmers Turbine Operation (GGNS)
7 day Plant Operations Course (Tech Specs) Sept 1981
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
1 week Mitigation of Core Damage (GP) Sept 1981
3 day Heat Transfer - Fluid Flow (MSU) Sept 1981
6 day Rx Physics, Core Thermo, Radcon
Cold License Operation Qualification Card

8. Experience:

MP&L Oct 1971 - Present

Shift Supervisor - Promoted to position in 1981

Supervise all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures.

Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

Nuclear Operator "A"

Supervises MP&L personnel on shift in support of plant startup and testing program. Directs the activities of operating personnel on shift.

Review, revise, write plant operations, testing, surveillance procedures.

Participated in all major startup evolutions to date.

Oct 1971 - Aug 1976

Assistant Operator Fossil Generating Station

Auxiliary Operator Fossil Generating Station

Apprentice Operator Fossil Generating Station

Previous Operating Licenses:

NONE

Lawrence Robert Public
Signature of Applicant

28 Aug 1951

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1540 JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x *NRC Senior Operator License*

NRC Reactor Operator License

1. Full Name: WALTER CHARLES CADE JR.

2. *Citizenship:* U.S.A.

3. Age:

7. Address:

5. Present Employment: ☐ Self-employed ☐ Employed ☐ Unemployed

Title: NUCLEAR OPERATOR "A"

6. Education:

Исследования проводились в 1967-1968 гг. в 1967-1970 гг.

Formal Training:

Certified Senior Reactor Operator Training Simulator (GE) 12 weeks
17 weeks of 20 week Basic Reactor Fundamentals (Memphis State Univ)
5 week Special Basic Reactor Fundamentals to complete course (Memphis State Univ)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GNS)
8 week Grand Gulf Technology (GNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance indoctrination
4 day Fire Brigade Training
12 week Grand Gulf Technology (Cold License Training Course) (GNS)
5 day Fire Brigade Training (Texas A&M)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
25 day Allis Chalmers Turbine Operation (AC)
1 week Refresher Training Perry Simulator
1 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Reg's)
10 day Plant Operations Course (NRC, 101's, 104's)
1 week Migration of Core Barrels Sept 1981
5 day Heat Transfer - Fluid Flow (MSU) Sept 1981
6 day Ex Shells, Core Design, Reflow Sept 1981
Cold License Operator Qualification Card

8. Experience:

1972-1973, 1974-1975 - 1976-1977

1978-1979, 1980-1981, 1982-1983

1984-1985, 1986-1987, 1988-1989

1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025

1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025

1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025

1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025

1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025

J. Previous Operating Licenses:

NONE

Signature of Applicant

Date



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: CHARLES EDGAR CRESAP III

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

TENNESSEE TECH, COOKEVILLE, TENN 1965-1971

UNIVERSITY OF HARTFORD, WEST HARTFORD, CT. 1978-1979

7. Formal Training:

Certified Senior Reactor Operator Perry Simulator (GE) (13 weeks)
2 week Presimulator Training (GGNS)
8 week Grand Gulf Technology (GGNS)
Reactor Startup Experience Course (Memphis State Univ)
1/2 day Fire Brigade Training
8 day Refresher Training for Operators Perry Simulator (GE)
1 day Quality Assurance Indoctrination (GGNS)
5 day Fire Brigade Training (Miss. State Fire Academy)
1 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day RX Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

US Navy SLW Prototype Training 1975
US Navy Nuclear Power School 1974
US Navy Electrician Mate "A" School 1972

8. Experience:

MP&L Dec 1979 - Present

Nuclear Operator "A":

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program.
Wrote and reviewed operating procedures and system descriptions.
Participated in all major plant startup evolutions to date.

US Navy Nov 1971 - Nov 1979

SLC Prototype Jan 78 - Nov 80

Qualified Electrical Operator, Classroom Instructor

Performed numerous plant startups, shutdowns, cooldowns as Electrical Operator

USS Ulysses S. Grant-SSBN 631 May 75 - Jan 78

Qualified Electrical Operator, Shutdown Watch

Performed 5 cold startups as Electrical Operator

1. *Previous Operating Licenses:*

NONE

[Signature]
Signature of Applicant

28 Apr 81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

☒ NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: JAY FRANCIS DOTTER

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

TROY STATE UNIVERSITY, MONTGOMERY, ALABAMA 1976-1977

sent Muel to
by 9-24-81

7. Formal Training:

Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks
8 week Grand Gulf Technology (GGNS)
24 day Allis Chalmers Turbine Operations (AC)
4 day Fire Brigade Training (GGNS)
1 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

US Navy S3G Prototype Training 1972
US Navy Nuclear Power School 1971
US Navy Machinist Mate "A" School 1971

8. Experience:

MP&L Jul 1980 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program.
Wrote and reviewed operating procedures and system descriptions.
Participated in all major plant startup evolutions to date.

US Navy Jun 1970 - Jun 1980

USS Virginia CGN-38 Dec 1978 - May 1980

Qualified Mechanical Operator, Shutdown Engineer on watch
Participated in plant startups, shutdowns, cooldowns as Engineer Watchstander.

USS Long Beach CGN-9 May 1972 - Jul 1976

Qualified Engine Room Supervisor
Performed plant startups, shutdowns, cooldowns as Engineer room Watchstander.
Participated in 4 month shipyard overhaul

Previous Operating Licenses:

NONE

James H. Miller
Signature of Applicant
29 Aug 51
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

X NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: JOHN BURK FRAZIER

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: _____

MISSISSIPPI POWER & LIGHT COMPANY

Title: _____

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education: _____

MISSISSIPPI DELTA, MOREHEAD, MISSISSIPPI 1966-1968

*per [unclear]
to [unclear]*

7. Formal Training:

Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks
20 week Basic Reactor Fundamentals (Memphis State Univ)
7 week Power Principles and Systems Familiarization (GGNS)
7 week Reactor Fundamentals, Review and grand gulf systems (GGNS)
5 week Dresden Technology (GGNS)
5 week Simulator Retraining (GGNS)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GGNS)
8 week Grand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance Indoctrination (GGNS)
12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
1 week Fire Brigade Training (Texas A&M)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
3 day Blue Print Reading (GGNS)
2 1/2 day Allis Chalmer Turbine Operations (AC)
7 day Plant Operations Course (Tech Specs) (GGNS)
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Tech Specs)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day RX Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

8. Experience:

MP&L Aug 1969

Nuclear Operator "A" April 24, 1980 - Present

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

MP&L Steamplant

Assistant Operator 5 years 3 months

Operated power plant equipment

. Previous Operating Licenses:

NONE

John B. Turner
Signature of Applicant

8/31/71

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: WILLIAM KEITH GORDAN JR.

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

MEMPHIS STATE UNIVERSITY, MEMPHIS TENN 1975

CENTER OF NUCLEAR STUDIES

UNIVERSITY OF TENNESSEE, KNOXVILLE, TENN 1972-1973

TENNESSEE STATE VOCATIONAL SCHOOL, COVINGTON, TENN 1975

Formal Training:

Certified Reactor Operator Dresden Simulator (GE) 12 weeks
1 week Basic Reactor Fundamentals (Memphis State Univ)
7 week Power Principles and Systems Familiarization (GGNS)
7 week Reactor Fundamentals and Grand Gulf Systems (GGNS)
5 week Dresden Technology (GGNS)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GGNS)
8 week Grand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance Indoctrination
4 day Fire Brigade Training
12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
1 week Fire Brigade Training
2 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day RX Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

8. Experience:

MP&L Dec 1976 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

7. *Previous Operating Licenses:*

NONE

W. Keith [Signature]
Signature of Applicant
8/28/91
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

NRC Senior Operator License

x NRC Reactor Operator License

1. *Full Name:* ERROL KEITH HALL

2. *Citizenship:* U.S.A.

3. *Age:* _____

4. *Address:* _____

5. *Present Employment:* MISSISSIPPI POWER & LIGHT COMPANY

Title: NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. *Education:*

UNIVERSITY OF SOUTHERN MISSISSIPPI, HATTIESBURG, MS

✓ B.S. BUSINESS ADMINISTRATION 1974

HINDS JUNIOR COLLEGE, RAYMOND, MS

Formal Training:

- ✓ Certified Reactor Operation Dresden Simulator (GE) 12 weeks
- ✓ 20 weeks Basic Reactor Fundamentals (Memphis State Univ) 10 starts
- ✓ 5 week Power Principles and Systems Familiarization (GGNS)
- ✓ 5 week Dresden Technology (GGNS)
- ✓ 4 week BWR Observation Training (GE)
- 1 week Reactor Physics and Thermodynamics (GGNS) —
- 8 week Grand Gulf Technology (GGNS)
- 12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
- 1 day Quality Assurance Indoctrination (GGNS)
- 4 day Bechtel Reading (GGNS)
- 4 day Fire Brigade Training (GGNS)
- 3 week Heat Transfer - Fluid Flow (Memphis State Univ)
- 1 week Fire Brigade Training (GGNS)
- 2 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L Sept 1976 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence, and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

7. *Previous Operating Licenses:*

NONE

Emil Ruth Hall

Signature of Applicant

8/28/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x

NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: CHARLES VINCENT HICKS, JR.

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF ILLINOIS, CHICAGO, ILL. 1969-1971

Printed
9-24-81

Formal Training:

Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks
8 week Grand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
1 day Quality Assurance Indoctrination (GGNS)
5 day Fire Brigade Training (Texas A&M)
1 day Fire Brigade Training (GGNS)
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
2 1/2 day Allis Chalmers Turbine Operations (AC)
7 day Plant Operations Course (Tech Specs) (GGNS)
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

US Navy SLW Prototype Training 1975
US Navy Nuclear Power School 1974
US Navy Electronics Technician "A" School 1973

8. Experience:

MP&L May 1978 - Present

Shift Supervisor

Supervise all on shift operations in support of plant startup and testing program.

Review, revise, write plant operating, testing, surveillance procedures. Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

US Navy Apr 1972 - Apr 1978

USS Nimitz CVN-68 Jan 1975 - Apr 1978

Qualified Reactor Operator Reactor Technician, Shutdown Watch
Performed 20 cold startups, 70 hot startups, 15 shutdowns, 25 cooldowns as R.O.

Participated as drill team member in Operational Reactor Safeguards Examinations. Jul 1977 - Apr 1978

SLW Prototype Jul 1974-Jan 1975

Qualified Reactor Operator
Performed 5 Reactor Startups

1. *Previous Operating Licenses:*

NONE

Charles V. Smith
Signature of Applicant

8.28.80

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: ANDREA DEE HOTHAM

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SIMULATOR SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

NORTHWESTERN UNIVERSITY, EVANSTON, ILL 1967-1972
B.A. ENGLISH

Formal Training:

- 2 week Refresher Training - Perry Simulator (GE)
- 6 week Grand Gulf Technology (GGNS)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) 9/81
- 7 day Plant Operations Course (Tech Specs) CBE 9/81
- 5 day Plant Operations Course (Admin Req's) CBE 9/81
- 13 day Plant Operations Course (FSAR, IOI's, EPP's) CBE 9/81
- 1 day Quality Assurance Indoctrination
- Cold License Operator Qualification Card

- 12/77 10 Reactor Criticals on Univ of Illinois - Champaign TRIGA/LOPRA Reactors
- 1977 1 week Station Nuclear Engineer's Course (GE)
- 1977 12 week Operator Training Course (GE-BWRTC) Certified SRO
- 75-76 22 week Instructor Training Program (GE-BWRTC) Certified RO
- 1975 12 week Installation and Service Engineering Program - Nuclear Section and Steam Turbine Section (GE-I&SE/Schenectady)

8. Experience:

- 6/81 to Present Mississippi Power & Light Company
Simulator Supervisor
Responsible for creating and implementing all simulator training programs for licensed and non-licensed personnel. Management of instructional personnel, hardware technicians and software engineers.

- 12/78 - 5/81 Singer Co. - Link Simulation Systems Division
Senior Test Operator
Wrote and implemented simulator acceptance test procedure for GE Perry simulator.
Served as supervisory operator for Georgia Hatch simulator due to contractual requirements for SRO licensed operator.
Wrote malfunction causes & effects for MP&L Grand Gulf Simulator.
Instructed Link engineers/operators in BWR systems.

See attached page for continued experience.

EXPERIENCE CONT.

6/75 - 11/78 General Electric Company (BWRTC)
Senior Instructor
Taught utility and vendor personnel BWR systems and operating characteristics. Provided classroom and simulator instruction, also conducted observation training. GE certified RO, SRO, licensed SRO on Commonwealth Edison's Dresden Unit 2.

GE/Commonwealth Edison (77-78)
Field assignment at Dresden Nuclear Power Station in Morris, Illinois. 6 weeks on shift assigned to Shift Engineer for normal operating shift duties.

GE/Carolina Power & Light (76-77)
Field assignment at Brunswick Steam Electric Plant in Southport, North Carolina. 40 weeks participation in preoperational and startup testing of BSEP Unit 1.

4/74 - 2/75 General Atomic Company
Instructor
Developed curriculum and training software for proposed training facility. Participated in development of hardware specification for HTGR simulator.

6/73 - 3/74 Westinghouse Electric Corp. (WNTC)
Staff Assistant, Marketing & Public Relations
Conducted tours of training reactor and simulator.
Coordinated student access to Commonwealth Edison's Zion Station.

7. *Previous Operating Licenses:*

Dresden Nuclear Station
Docket No. 55-6275
SOP No. 3212
Effective date: 3/15/78

Andrea D. Hatham
Signature of Applicant
August 28, 1981
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: RONALD KEITH JACOBSON

2. Citizenship: U.S.A.

3. Age: --

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

HINDS JUNIOR COLLEGE, RAYMOND, MS 1970-1973

sent to Mr. G 24-81

Formal Training:

Certified Reactor Operator Dresden Simulator (GE) 12 weeks
20 week Basic Reactor Fundamentals (Memphis State Univ)
5 week Power Principles and Systems Familiarization (GGNS)
5 week Dresden Technology (GGNS)
4 week BWR Observation Training (GE)
1 week Reactor Physics and Thermodynamics (GGNS)
8 week Brand Gulf Technology (GGNS)
1 week Allis Chalmers T/G System (AC)
1 day Quality Assurance Indoctrination
12 week Grand Gulf Technology (Cold License Training)
1 day Fire Brigade Training
1 week Fire Brigade Training
3 week Heat Transfer - Fluid Flow (Memphis State Univ)
24 day Allis Chalmer Turbine Operations (AC)
2 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

8. Experience:

MP&L Jan 1977 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and System descriptions. Participated in all major plant startup evolutions to date.

Previous Operating Licenses:

NONE

Ronald K. Lohman
Signature of Applicant

8/28/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x *NRC Senior Operator License*

NRC Reactor Operator License

1. *Full Name:* GILBERT ALAN JOHNSON

2. *Citizenship:* U.S.A.

3. *Age:* _____

4. *Address:* _____

5. *Present Employment:* MISSISSIPPI POWER & LIGHT COMPANY

Title: OPERATIONS SUPERINTENDENT

GRAND GULF NUCLEAR STATION

6. *Education:*

DOWLING COLLEGE, OAKDALE, NY 1974-1977
B.S. PHYSICS

Formal Training:

- 8 week Grand Gulf Technology (GGNS)
- 1 day Quality Assurance Indoctrination (GGNS)
- 2 1/2 day Allis Chalmers Turbine Operations (AC)
- 12 week Operator Training Course (GE) 1969
- 2 week Refresher Training Perry Simulator
- Reactor Operation Training LACBWR, Dairyland Power Cooperative
- Operating Retraining Vermont Yankee
- SRO Training Vermont Yankee
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

- MP&L 8/76 - Present
 - Operations Superintendent
- Reactor Operations Services Sept 1978
 - Operations Consultant Grand Gulf Nuclear Station
- Long Island Lighting Co. Apr 1974 - Sept 1978
 - Assistant Operations Engineer (Shoreham Nuclear Power Station)
- Vermont Yankee Nuclear Power Corp. Jun 1969 - Apr 1974
 - Shift Supervisor
- Dairyland Power Cooperative Sept 1967-Jun 1969
 - Nuclear Plant Operator La Crosse BWR
- Brookhaven National Laboratory Nov 1962-Sept 1967
 - Reactor Operator
 - Graphite Research Reactor (28 mwt)
 - High Flux Beam Reactor (60 mwt)
 - Performed over 100 Reactor Startups and Shutdowns

7. *Previous Operating Licenses:*

LaCrosse Boiling Water Reactor

OP-2556

Docket No. 55-3010

January 6, 1969-Jun 1969

Vermont Yankee Nuclear Power Corporation

SOP-1565

Docket No. 55-3010

November 15, 1971 - Apr 1974

Brookhaven National Laboratory

Reactor Operator "A"

Graphite Research Reactor (28 mwt)

High Flux Beam Reactor (60 mwt)

Nov 1962 - Sept 1967

Herbert A. Johnson
Signature of Applicant

8/31/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: ROY GREEN KEETON

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

SHIFT SUPERINTENDENT

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF MISSISSIPPI, OXFORD, MS.

B.S. MATH 1970

M.S. PHYSICS 1975

sent me
to 9-24-81

Formal Training:

- Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks
- 8 week Grand Gulf Technology (GGNS)
- 2 1/2 day Allis Chalmers Turbine Operations (AC)
- 8 day Refresher Training for Operations Perry Simulator (GE)
- 1 week Fire Brigade Training (GGNS)
- 2 day Fire Brigade Training (GGNS)
- 2 week Presimulator Training (GGNS)
- 1 day Quality Assurance Indoctrination (GGNS)
- 7 day Plant Operations Course (Tech Specs)
- 1 week Refresher Training Perry Simulator
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

- US Navy SLW Prototype Training 1977
- US Navy Nuclear Power School 1976

8. Experience:

MP&L May 1980 - Present
Shift Superintendent

Supervise MP&L personnel on shift, supervises all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing surveillance procedures. Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift. Participated in all major startup evolutions.

US Navy Oct 1975 - May 1980

USS Tunny SSN-602 Aug 77 - May 1980

Qualified Engineering Officer of the Watch

Engineering Duty Officer

Performed 5 cold reactor startups, 20 hot startups, 15 shutdowns, 3 cooldowns as EDO.

Overhaul coordinator during 12 month overhaul

Approved procedures used for testing systems

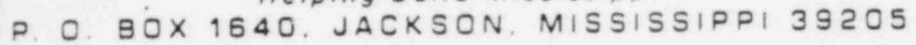
1. *Previous Operating Licenses:*

NONE

RQ Keen
Signature of Applicant

8/29/81

Date



Member Middle South Utilities System

7. Formal Training:

Certified Senior Reactor Operator Oresden Simulator (GE) 12 weeks
5 week Grand Gulf Technology (GGNS)
1 day Quality Assurance Indoctrination (GGNS)
1 day Indoctrination on Procurement of Material (GGNS)
1 week Fire Brigade Training (GGNS)
3 day Blue Print Reading (GGNS)
2½ day Allis Chalmers Turbine Operations (AC)
2 week Refresher Training Perry Simulator
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage Sept 1981

US Navy S1C Prototype Training 1971

US Navy Nuclear Power School 1970

US Navy Interior Communications Technician "A" school 1970

Experience:

MP&L Jan 1978 - Present Training Supervisor

Acting Training Supervisor, Operations Instructor, Nuclear Instructor

Development of Mechanical, Electrical, I & C training programs

Development and presentation of operations training courses including Grand Gulf Technology, Systems Introduction, Cold License Training, Plant Operations courses, Administrative Requirements and Reactor Physics.

Developed Training Program Administrative Procedures

US Navy Mar 1969 - Jan 1978

S3G Prototype Oct 1974 - Dec 1977

Qualified Engineering Officer of the Watch, Engineering Watch Supervisor, Shutdown Watch, Electrical Operator

Supervised/Performed 20 Hot Start ups, 20 Cold Start ups, 30 Shutdowns/Cooldowns

Participated in 6 month Refueling as EOOW, EWS

Performed Shutdown/Cooldown with Pressurizer Solid

USS Von Steuben SSBN 632 Jul 1971 - Aug 1974

Qualified Engineering Watch Supervisor, Shutdown Watch, Electrical Operator

Performed 1 Reactor Start up, 1 Shutdown as EWS.

9. *Previous Operating Licenses:*

None



Signature of Applicant

8/28/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

NRC Senior Operator License

x NRC Reactor Operator License

1. Full Name: BILLY GEORGE LEWIS

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: _____

MISSISSIPPI POWER & LIGHT COMPANY

Title: _____

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

FLORENCE HIGH SCHOOL, FLORENCE, MS 1961-1964
G.E.D. U.S. MARINE CORPS 1965

Formal Training:

- ✓ Certified Reactor Operator Dresden Simulator (GE) 12 weeks
- ✓ 20 week Basic Reactor Fundamentals (Memphis State Univ) / 10 weeks Start Up
- ⑤ week Power Principles and Systems Familiarization (GGNS)
- ⑤ week Dresden Technology (GGNS)
- ✓ 4 week BWR Observation Training (GE)
 - 1 week Reactor Physics and Thermodynamics (GGNS) —
 - 8 week Grand Gulf Technology (GGNS)
 - 1 week Allis Chalmers T/G System (AC)
 - 1 day Quality Assurance Indoctrination (GGNS)
 - 5 day Fire Brigade Training (Texas A&M)
 - 12 week Grand Gulf Technology (Cold License Training Course) GGNS
 - 3 week Heat Transfer - Fluid Flow (Memphis State Univ)
 - 3 day Fire Brigade Training (GGNS)
 - 2 week Refresher Training Perry Simulator
 - 7 day Plant Operations Course (Tech Specs)
 - 5 day Plant Operations Course (Admin Req's)
 - 13 day Plant Operations Course (FSAR, IOI's, EPP's)
 - 6 day Rx Physics, Core Thermo, Radcon
 - 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L Jan 1977

10 days at TMI Apr 1979

Participated in heavy decontamination as assistant operator.

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and System description. Participated in all major plant startup evolutions to date.

7. *Previous Operating Licenses:*

NONE

B. L. Lewis

Signature of Applicant

8-28-81

Date



4178
MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: GARY DUANE LHAMON

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

GRADUATE SOUTHWOOD HIGH SCHOOL, WABASH, INDIANA 1963

Formal Training:

Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks

8 week GrandGulf Technology (GGNS)

2 week Presimulator Training Course (GGNS)

1 week Fire Brigade Training (GGNS)

1 day Fire Brigade Training (GGNS)

1 day Quality Assurance Indoctrination

7 day Plant Operations Course (Tech Specs)

1 week Refresher Training Perry Simulator

5 day Plant Operations Course (Admin Req's)

13 day Plant Operations Course (FSAR, IOI's, EPP's)

6 day Rx Physics, Core Thermo, Radcon

3 day Heat Transfer - Fluid Flow (MSU)

1 week Mitigation of Core Damage (GP) Sept 1981

Cold License Operator Qualification Card

US Navy S5G Prototype Training 1968

US Navy Nuclear Power School 1968

US Navy Electronics Technician "A" School 1967

US Navy Nuclear Power Instructor School 1975

US Navy S8G Reactor Plant Design Course 1978

8. Experience:

MP&L Jun 1980 - Present

Shift Supervisor

Supervise all on shift operations in support of plant startup and testing program.

Review, revise, write plant operating, testing, surveillance procedures.

Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

US Navy Apr 1966 - May 1980

USS OHIO SSBN 726 Nov 1977 - May 1980

Qualified Engine Room Watch Supervisor

Participated in special testing during construction; hot and cold operations, relief valve testing, relief valve testing, initial steaming of Engine room

Supervised cold and hot rod testing

Planning and scheduling of Preventive Maintenance

Review of Operating Procedures

Establishment of Training Program

8. EXPERIENCE CONT.

US Navy Nuclear Power School 1975-1977

Prepared and presented lectures on the fundamentals of nuclear power

Counselled students on the Navy Nuclear Program

Participated in the screening of prospective students.

USS Tunny SSN682 May 1972-May 1975

Qualified Engineering Officer of the Watch, EWS, RO

Performed 10 Reactor Startups and Shutdowns as Reactor Operator

Supervised 10 Reactor startups and shutdowns as ECOW

Reactor Operator during Initial Criticality during new construction.

USS Greenling SSN614 Dec 1968-May 1972

Qualified Reactor Operator, Shutdown Watch

Performed 15 hot startups, 5 cold startups, 5 cooldowns, 10 shutdowns
as RO

Previous Operating Licenses:

NONE

Mary D. Shanno
Signature of Applicant
August 29, 1981
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

* NRC Senior Operator License

X NRC Reactor Operator License

1. Full Name: JOHN FORREST MANBY

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

SOUTHWEST MISSISSIPPI JUNIOR COLLEGE, SUMMITT, MS. 1961-1962
A. A. BUSINESS ADMINISTRATION 1964-1965

7. Formal Training:

- ✓ Certified Reactor Operator Dresden Simulator (GE) 12 weeks
- ✓ 20 week Basic Reactor Fundamentals (Memphis State Univ) *to start up*
- ⑦ week Power Principles and Systems Familiarization (GGNS)
- ⑦ week Reactor Fundamentals Review and Grand Gulf Systems (GGNS)
- 5 week Dresden Technology (GGNS)
- ✓ 4 week BWR Observation Training (GE)
- 1 week Reactor Physics and Thermodynamics (GGNS)
- 8 week Grand Gulf Technology (GGNS)
- 1 week Allis Chalmers T/G System (AC)
- 1 day Quality Assurance Indoctrination
- 12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
- 3 week Heat Transfer - Fluid Flow (Memphis State Univ)
- 2½ day Allis Chalmers Turbine Operation (AC)
- ½ day Fire Brigade Training (GGNS)
- 7 day Plant Operations Course (GGNS) (Admin. Req's)
- 2 week Refresher Training Perry Simulator
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L May 1980 - Present
Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

Previous Operating Licenses:

NONE

John A. Marby
Signature of Applicant

5-29-61

Date



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1840, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

* NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: JAMES KELLY McDONALD

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

COPIAR - LINCOLN JUNIOR COLLEGE, WESSON, MS 1970-1972

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Member Middle South Utilities System

Provided 11/9/83
By MPEL (Jerry Yehowden)

7. Formal Training:

- ✓ Certified Senior Reactor Operation Dresden Simulator (GZ) 12 weeks
- ✓ 20 week Basic Reactor Fundamentals (Memphis State Univ)
- ✓ 7 week Power Principles and Systems Familiarization Course (GUNS)
- ✓ 7 week Reactor Fundamentals Review and Grand Gulf Technology (GUNS)
- ✓ 5 week Dresden Technology (GUNS)
- ✓ 4 week BWR Observation Training Course (GZ) (GUNS)
- ✓ 1 week Reactor Physics and Thermodynamics (GUNS)
- ✓ 7 week Grand Gulf Technology (GUNS)
- ✓ 1 week Allis Chalmers T/G System (AC)
- ✓ 1 day Quality Assurance Indoctrination (GUNS)
- ✓ 12 week Grand Gulf Technology (Cold License Training Course) (GUNS)
- ✓ 5 day Brigade Training (Texas A&M)
- ✓ 3 week Heat Transfer - Fluid Flow (Memphis State Univ)
- ✓ 2 week Refresher Training Perry Simulator
- ✓ 7 day Plant Operations Course (Tech Specs)
- ✓ 3 day Plant Operations Course (Admin Req's)
- ✓ 13 day Plant Operations Course (FSAR, ICI's, EPP's)
- ✓ 6 day Rx Physics, Core Thermo, Radcon
- ✓ 3 day Heat Transfer - Fluid Flow (MSU)
- ✓ 1 week Mitigation of Core Damage (GP) Sept 1981
- ✓ Cold License Operator Qualification Card

8. Experience:

EP&L Aug 1976 - Present

○ Nuclear Operator "A"

- Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program.
- Wrote and reviewed operating procedures and system descriptions.
- Participated in all major plant startup evolutions to date.

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9. Previous Operating Licenses:

NONE

02840001

James K McDonald
Signature of Applicant
8/28/81
Date

61.51 LOFT AVAILABLE...



x *NRC Senior Operator License*
NRC Reactor Operator License

1. Full Name: GEORGE LEWIS MCMILLIN JR.

2. *Citizenship:* U.S.A.

3. Age:

4. Address:

5. *Present Employment:*

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF SOUTHERN MISSISSIPPI, HATTIESBURG, MS 1970-1972
B.S. BIOLOGY
HINDS JUNIOR COLLEGE, RAYMOND, MS 1966-1968

Formal Training:

Certified Senior Reactor Operation Dresden Simulator (GE) 12 weeks
7 day BWR Introduction (GGNS)
14 week Assistant Operator Systems Training (GGNS)
2 week Presimulator Reactor Physics (GGNS)
12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
3 week Heat Transfer - Fluid Flow Course (Memphis State Univ)
1 week Fire Brigade Training
Reactor Startup Experience Course (Memphis State Univ) 10 start ups
1 day Quality Assurance Indoctrination
2 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

8. Experience:

MP&L Jun 1979 - Present
Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

Vicksburg Chemical Co., Vicksburg, MS Aug 1972-1979

Operations Superintendent for Atrazine Plant 2 years

Shift Supervisor 2 years

Operator 3 years

Operated and supervised the operation of waste heat boilers, fuel oil boilers, natural gas boilers, cooling towers, and overall operation of pesticide and Herbicide Plant.

Steam Plant Only

. Previous Operating Licenses:

NONE

[Handwritten Signature]

Signature of Applicant

8/31/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x

NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: LEE ROY MILLER

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

SOUTHWESTERN BAPTIST THEOLOGICAL SEMINARY, FT. WORTH, TEXAS 1978

MISSISSIPPI STATE UNIVERSITY, STARKVILLE, MS 1974-1978

B.S. BUSINESS ADMINISTRATION

7. Formal Training:

- ✓ Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks
 - 7 day BWR Introduction Course (GGNS)
 - 14 week Assistant Operator System Training (GGNS)
 - 1 day Quality Assurance Indoctrination (GGNS)
 - 12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
 - 3 week Heat Transfer - Fluid Flow Course (Memphis State Univ)
 - 1 week Fire Brigade Training
- ✓ Reactor Startup Experience Course (Memphis State Univ) 10 Criticals
 - 2 week Refresher Training Perry Simulator
 - 7 day Plant Operations Course (Tech Specs)
 - 5 day Plant Operations Course (Admin Req's)
 - 13 day Plant Operations Course (FSAR, IOI's, EPP's)
 - 6 day Rx Physics, Core Thermo, Radcon
 - 3 day Heat Transfer - Fluid Flow (MSU)
 - 1 week Mitigation of Core Damage (GP) Sept 1981
 - Cold License Operator Qualification Card
 - 1 week Allis Chalmer T/G System (AC)
 - US Navy SLW Prototype Training 1970
- ✓ US Navy Nuclear Power School 1970
- US Navy Electrician's Mate "A" School 1969

8. Experience:

MP&L Jun 1979 - Present

Shift Supervisor

Supervise all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures.

Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

US Navy Oct 1968 - Oct 1974

USS Nathanael Greene SSBN636 Dec 1970 - Jul 1974

Qualified Electric Plant Operator, Shutdown Watch

Participated in initial criticality and low power physics testing after refueling.

Participated in plant startups, shutdowns, cooldowns as steam plant operator.

- ✓ Vermont Yankee 4 weeks

Previous Operating Licenses:

NONE

Paul M. McC

Signature of Applicant

Aug 31, 1981

Date



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: LARRY BEVAN MOULDER

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

SHIFT SUPERINTENDENT

GRAND GULF NUCLEAR STATION

6. Education:

✓ MISSISSIPPI STATE UNIVERSITY, STARKVILLE, MISS. 1973-1975
B.S. ELECTRICAL ENGINEERING
JONES COUNTY JUNIOR COLLEGE, ELLISVILLE, MISS. 1973

Formal Training:

- Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks
- ✓ 20 week Basic Reactor Fundamentals (Memphis State Univ) 10 Criticals
- ✓ 4 week Observation Training Course (GE)
- 5 week Dresden Technology Course (GE)
- 1 day Quality Assurance Indoctrination (GGNS)
- 5 week Grand Gulf Technology Course (GE)
- 5 week Station Nuclear Engineering Course (GE)
- 1 day Indoctrination on Procurement of Material (GGNS)
- 1 week Allis Chalmers T/G System Course (AC)
- 5 day Fire Brigade Training Course (Texas A&M)
- 12 week Grand Gulf Technology (Cold License Training Course) (GGNS)
- 2 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L Jan 1976-Present

Shift Superintendent

- ✓ 6 month Assignment at Vermont Yankee
- Supervise MP&L personnel on shift , supervises all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures.
- Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.
- Participated in all major startup evolutions.

Shift Supervisor

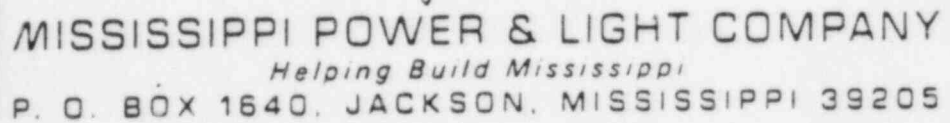
- Supervise all on shift operations in support of plant startup and testing program.
- ✓ Review, revise, write plant operating, testing, surveillance procedures.
- Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

Shift Foreman

Previous Operating Licenses:

NONE

Larry B. Moulder
Signature of Applicant
8-31-81
Date



Application For:

NRC Senior Operator License

~~X~~ NRC Reactor Operator License

1. Full Name: RICHARD LESLIE PERRYMAN

2. *Citizenship:* U.S.A.

3. Age: _____

4. Address:

5. *Present Employment:*

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

GRADUATE THOMASVILLE HIGH SCHOOL, THOMASVILLE, GEORGIA 1968

Formal Training:

- ✓ Certified Reactor Operator Perry Simulator (GE) 13 weeks
- ✓ 8 week Grand Gulf Technology Course (GGNS)
- 2 1/2 day Allis Chalmers Turbine Operations Course (AC)
- 4 week Applied Physical Sciences Course (GGNS)
- 2 week Presimulator Courses (GGNS)
- 8 week Mechanical Fundamentals Course (GGNS)
- 1 day Quality Assurance Indoctrination (GGNS)
- 1 day First Aid Course (GGNS)
- 1/2 day Fire Brigade Training (GGNS)
- 7 day Plant Operations Course (Tech Specs) (GGNS)
- 1 week Refresher Training Perry Simulator
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- 4 day Reactor Startup Experience Course (MSU)
- ✓ US Navy SLW Prototype Training 1970
- ✓ US Navy Nuclear Power School 1969
- ✓ US Navy Machinist Mate "A" School 1969

8. Experience:

MP&L Aug 1979 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

Ingalls shipyard, Pascagoula, MS. Nov 1977-Aug 1979

Tests and Trials Mechanic

- ✓ Georgia Power Co., Plant E. I. Hatch, Boxley, GA. May 1976- May 1977 1 y 6 m
- Assistant Plant Operator - Operated equipment during startup testing program.

US Navy Aug 1968 - Aug 1974

USS Enterprise CVAN-65 Jun 1970 - Aug 1974

Qualified chief mechanical operator (CMO)

Performed numerous plant startups, heatups, cooldowns as CMO.

●. *Previous Operating Licenses:*
NONE

Richard J. Hummer

Signature of Applicant
August 28 1981

Date



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

NRC Senior Operator License

x NRC Reactor Operator License

1. Full Name: DAVID MICHAEL POWELL

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

GRADUATE BILOXI HIGH SCHOOL, BILOXI MISSISSIPPI 1965-1969

Formal Training:

Certified Reactor Operator Perry Simulator (GE) 13 weeks
6 week Grand Gulf Technology Course (GGNS)
1 day Quality Assurance Indoctrination
2 1/2 day Fire Brigade Training
2 week Grand Gulf Systems Introduction
1 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

- ✓ US Navy SLC Prototype Training 1972
- ✓ US Navy Nuclear Power School 1972
- ✓ US Navy Electronics Technician "A" School 1971

8. Experience:

MP&L Jul 1980 - Present ~ 1 1/2 years

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

US Navy Apr 1970 - Apr 1977

USS John C. Calhoun SSBN - 630 Feb 1973 - Apr 1977

- ✓ Qualified Reactor Operator, Shutdown Watch
- ✓ Performed 6 cold startups, 50 hot startups, 4 cooldowns, 15 shutdowns.
- Participated in shipyard overhaul period

●. *Previous Operating Licenses:*

NONE

David M. Powell JR
Signature of Applicant

8-31-81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: ROGER NOKLIN POWERS

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

GRADUATE TISHOMINGO HIGH SCHOOL, TISHOMINGO, MS 1968
UNITED ELECTRONICS INSTITUTE, BIRMINGHAM, ALA 1968-1970

Formal Training:

✓ Certified Senior Reactor Operator Dresden Simulator (GE) 12 weeks?
12 week Grand Gulf Technology (Cold License Training) (GGNS)
8 week Grand Gulf Technology (GGNS)
1 week Reactor Physics and Thermodynamics (GGNS)
5 day Fire Brigade Training (Texas A&M)
4 day Fire Brigade Training (GGNS)
3 week Heat Transfer and Fluid Flow (Memphis State Univ)
24 day Allis Chalmers Turbine Operations (AC)
2 day Shift Fire Brigade Training (GGNS)
7 day Plant Operations Course (Tech Specs)
2 week Refresher Training Perry Simulator
5 day Plant Operations Course (Admin Req's)
13 day Plant Operations Course (FSAR, IOI's, EPP's)
6 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card

US Navy SSG Prototype Training 1972
US Navy Nuclear Power School 1973
US Navy Electronics Technician "A" School

8. Experience:

MP&L Feb 1978 - Present
Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

US Navy Sept 1970 - Sept 1976

USS Haddo SSN-604 Mar 73 - Sept 76

✓ Qualified Reactor Operator, Shutdown Watch
✓ Performed 30 hot Reactor startups, 5 cold startups, 5 reactor cooldowns
Participated in plant overhaul and refueling, initial criticality, low power and power range physics testing.

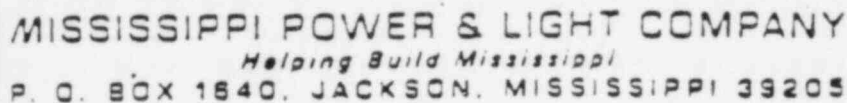
Previous Operating Licenses:

NONE

[Signature]
Signature of Applicant

8-28-81

Date



ALBANY STATE COLLEGE, ALBANY, GEORGIA 1975
ALBANY JUNIOR COLLEGE, ALBANY, GEORGIA 1970-1975
A.A. LIBERAL ARTS
DEVRY INSTITUTE OF TECH, CHICAGO, ILL. 1969-70
ALBANY AREA VOCATIONAL TECH
AUTOMOTIVE MECHANICS, ALBANY GA

[illegible]

Member Middle South Utilities System

Provided n/4/83

Formal Training:

- 3 week Grand Gulf Technology (GGNS)
- 1 week Fire Brigade Training (GGNS)
- 3 day Fire Brigade Training (GGNS)
- 4 day Fire Brigade Training
- 1 day Fire Brigade Training (Miss. State Fire Academy)
- 1 day Quality Assurance Indoctrination
- 2 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 3 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- Reactor Operator Training Plant Hatch
- Operator Retraining Program Plant Hatch

Experience:

MP&L Nov 1980 - Present

Shift Superintendent

- Supervise MP&L personnel on shift, supervises all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures.
- Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.
- Participated in all major startup evolutions.

Shift Supervisor

- Supervise all on shift operations in support of plant startup and testing program.
- Review, revise, write plant operating, testing, surveillance procedures.
- Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

Washington Public Power Supply System Oct 1979 - Nov 1980

Senior Control Room Operator - WPPSS - 2

Reactor Operator - Plant E. I. Hatch

Performed 20 Reactor Startups and Shutdowns

Manipulated Reactor Controls, tagging procedures

Participated in refueling outages, radwaste operations.

Performed surveillances on control room equipment.

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U : 3 : 0

Carl Michael Rice
Signature of Applicant
8/28/81
Date

—



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: JAMES LEE ROBERTSON

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

SHIFT SUPERINTENDENT

GRAND GULF NUCLEAR STATION

6. Education:

✓ MISSISSIPPI STATE UNIVERSITY, MISS. STATE, MISS. 1971-1974

B.S. ELECTRICAL ENGINEERING

SOUTHWEST MISSISSIPPI JUNIOR COLLEGE, SUMMITT, MISS 1970-1971

Formal Training:

- ✓ Certified Senior Reactor Operator Dresden Simulator (GE) *12 weeks*
- 12 week Grand Gulf Technology Course (Cold License Training)
- 4 day Fire Brigade Training (GGNS)
- 4 week BWR Observation Course (GE) *Dresden*
- 1 week Allis Chalmers Turbine Course (AC)
- 5 week Station Nuclear Engineer Course (GE)
- 5 week Grand Gulf Technology Course (GE)
- Quality Assurance Indoctrination (GGNS)
- 5 week Dresden Technology Course (GE)
- ✓ 20 week Basic Reactor Fundamentals (Memphis State Univ)
- ✓ 5 month Introduction to Nuclear Power (NUS)
- ✓ 2 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card

8. Experience:

MP&L Jan 1975 - Present

Shift Superintendent

Supervise MP&L personnel on shift, supervises all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures. Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift. Participated in all major startup evolutions.

6 month assignment at Vermont Yankee


Shift Supervisor

Shift Supervisor
Supervise all on shift operations in support of plant startup and testing program. Review, revise, write plant operating, testing, surveillance procedures.

Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

Previous Operating Licenses:

NONE



Signature of Applicant

8/31/81

Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: WAYNE ALLISON RUSSELL

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

SHIFT SUPERVISOR

GRAND GULF NUCLEAR STATION

6. Education:

WENTWORTH INSTITUTE OF TECHNOLOGY, BOSTON, MASSACHUSETTS
A.S. ELECTRONICS ENGINEERING TECHNOLOGY 1968

Formal Training:

- ✓ Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks
- 8 week Grand Gulf Technology Course (GGNS)
- 7 day BWR Introduction (GGNS)
- 5 day Fire Brigade Training (Texas A&M)
- Quality Assurance Indoctrination (GGNS)
- 14 week Assistant Operator Systems Course (GGNS) —
- ½ day Fire Brigade Training (GGNS)
- 3 day Blue Print Reading Course (GGNS)
- 1 week Refresher Training Perry Simulator
- 7 day Plant Operations course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- ✓ US Navy SLC Prototype Training 1962
- ✓ US Navy Nuclear Power School 1962
- ✓ US Navy Electronics Technician "A" School 1960
- ✓ US Navy Electronics Technician "B" School 1960

8. Experience:

MP&L Jun 1979 - Present

Shift Supervisor

Supervise all on shift operations in support of plant startup and testing program.

Review, revise, write plant operating, testing, surveillance procedures. Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

US Navy See attached Resume

EXPERIENCE CONT.

- 12/75 to 5/79 ✓ Senior Instructor, Nuclear Division, Naval Training Center. Responsible for supervision, administration, and logistic support of fourteen instructors and thirteen nuclear propulsion plant related curricula, instructor qualifications and evaluations, curriculum maintenance and revision, development and implementation of new technically oriented curricula, department security, operation of a classified technical publications library, preventive and corrective maintenance of Reactor Control and Instrumentation Equipment. Personally developed and implemented a curriculum for operation and maintenance of Reactor Automatic Electronic Protection and Alarm Equipment for electronics technicians. Initiated numerous detailed revisions to operating procedures in equipment technical manuals for Reactor Control and Instrumentation Equipment which were approved and implemented on a Navy-wide basis.
- 11/75 to 5/79 Industrial Security Service, Pinkerton Incorporation. Started as part-time second job concurrent with above. Promoted to rank of lieutenant and progressed into full-time employment (night shift and weekends) within the first year. Second in command of security operations for \$100 million chemical plant; Verona Dyestuff Division of Mobay Chemical Corporation. Responsible for training and scheduling security personnel. Initiated numerous recommendations for security which were implemented by the plant.
- 10/75 to 11/75 ✓ Student. Attended four week Naval Instructor Training School, Norfolk, VA
- 6/68 to 10/75 ✓ Reactor Controls Division Leading Chief Petty Officer. Served as Leading Chief Petty Officer, Reactor Controls Division aboard 594, 637, and 640 class nuclear submarines. Responsible for operation, preventive and corrective maintenance of Reactor Control and Instrumentation Equipment. Qualified Engineering Officer of the Watch, Engineering Watch Supervisor, and Reactor Operator. Participated in two shipyard overhaul refueling periods and one new ship construction period including reactor initial criticality, nuclear physics testing, power range testing, and Navy final acceptance testing. Planned and directed numerous maintenance actions in the Reactor compartment including radiological considerations for man-rem reduction. Collaterally assigned as ship's 3-M coordinator with responsibility for scheduling preventive maintenance of entire ship and documenting all maintenance in computerized maintenance data collection system. Also assigned as Engineering Department Leading Chief Petty Officer with responsibility for supervision, administration, training, watchstation qualification,

EXPERIENCE CONT.

watch schedule preparation for fifty-five man department. Volunteered as command career counselor, responsible for counseling all command personnel on individual professional matters. Personally supervised numerous major technical alterations to Reactor Controls and Instrumentation Equipment.

9/66 to 6/68 Naval Associate Degree Completion Program.

Competitively selected as one of initial seventy-five personnel to participate in pilot college degree program.

✓ Attended Wentworth Institute, Boston, MA. Received Associate Degree in Electronics Engineering Technology. Graduated with highest honors. Member Tau Alpha Pi.

6/66 to 7/66 Reactor Controls Division Leading Petty Officer. Participated in one off-crew training period.

2/65 to 5/66 Student.

✓ Attended 48 week advanced Electronics Technician Class "B" School. Graduated first in class of 24.

1/63 to 1/65 Staff Instructor, Nuclear Power Training Unit.

✓ Responsible for directing and monitoring students seeking watchstation qualification in a fully operational prototype reactor plant. Qualified Reactor Operator. Instructed formal course in Reactor Theory. Individually developed and implemented new curriculum for electronics technicians on Reactor Control and Instrumentation Equipment.

1/62 to 12/62 Student.

✓ Attended one year Naval Nuclear Power School consisting of six months formal classroom and six months operational prototype training. Formal classroom curricula included nuclear physics, engineering mathematics, metallurgy, chemistry, fluids, thermodynamics, and radiological controls. Graduated 4 of 168 classroom phase, 6 of 101 prototype phase.

1/61 to 12/61 Electronics Division, Diesel Submarine.

Maintained radar and navigation equipment. Completed basic submarine qualification.

10/60 to 12/60 Student.

Attended six week enlisted Submarine School.

2/60 to 9/60 Student.

Attended 26 week basic Electronics Technician Class "A" School. Graduated third in class of 25.

11/59 to 2/60 Basic Training.

Attended Navy basic training.

●. *Previous Operating Licenses:*

NONE

Wayne A. Russell
Signature of Applicant
8/31/81
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

x NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: WILLIAM MICHAEL SHELLEY

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

TRAINING INSTRUCTOR

GRAND GULF NUCLEAR STATION

6. Education:

MOHEGAN COMMUNITY COLLEGE, NORWICH, CONNECTICUT 1979

A.S. GENERAL STUDIES

STATE TECHNICAL INSTITUTE, MEMPHIS, TENNESSEE 1970-1971

MOTLOW STATE COLLEGE, TULLAHOMA, TENNESSEE 1969-1970

Formal Training:

- ✓ Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks
- 2 week Presimulator Training Course (GGNS)
- 1 week Fire Brigade Training
- 3 day Blue Print Reading
- 1 day Quality Assurance Indoctrination
- 1 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- US Navy DLG Prototype Training 1973
- ✓ US Navy Nuclear Power School 1973
- ✓ US Navy Electronics Technician "A" School 1972

8. Experience:

MP&L Jan 1980

Operations Instructor

Developed and presented Licensed Operator Training Programs including GGNS Technology, Cold License Training, Reactor Physics, Core Thermal Hydraulics, Plant Operations Coordinated I & C Training

US Navy May 1971 - Dec 1979 *out 1978*

USS Texas C6N-39 Mar 1976 - Dec 1979 ✓

Qualified Engineroom Watch Supervisor, Reactor Operator, Shutdown Operator, Engineering Duty Petty Officer

Performed 15 Cold Startups, 12 Shutdowns, 7 Cooldowns as Reactor Operator;

✓ 5 cold Startups, 5 hot Startups, 10 Cooldowns as EWS

Participated in initial startup and low power physics testing of both reactors.

DLG Prototype Instructor Sept 1973 - Dec 1976 *21 hrs / week*

✓ Qualified Reactor Operator, Reactor Technician, Shutdown Reactor Operator

Performed 30 hot startups, 10 cold startups, 30 shutdowns, 5 cooldowns as RO, 4 hot startups as EOW under instruction

Participated in Primary System Hydrostatic Test, initial criticality and low power physics testing after refueling.

Previous Operating Licenses:

NONE

William M. Hill
Signature of Applicant
8/23/81
Date



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

* NRC Senior Operator License

NRC Reactor Operator License

1. Full Name: CLARK DANIEL STAFFORD

2. Citizenship: U.S.A.

3. Age:

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

GRADUATE PEARL - MCLAVRIN HIGH SCHOOL, PEARL MISSISSIPPI

7. Formal Training:

- ✓ Certified Senior Reactor Operator Perry Simulator (GE) 13 weeks
- 8 week Grand Gulf Technology Course (GGNS)
- ✓ Memphis State University Reactor Startup Experience Course (10 Reactor Startups)
- 8 day Refresher Training Course Perry Simulator (GE)
- 2 week Presimulator Training Course (GGNS)
- Quality Assurance Indoctrination (GGNS)
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- US Navy S3G Prototype Training 1973
- ✓ US Navy Nuclear Power School 1972
- US Navy Machinist Mate "A" School 1972

8. Experience:

MP&L May 1980 - Present

Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

US Navy May 1971 - May 1980

USS Groton SSN-694 Sept 1979 - May 1980

- ✓ Qualified Engineering Watch Supervisor and Engineering Officer of the watch.

Performed 6 hot startups and shutdowns; 1 cold startup

USS New York City SSN-696 Apr 1977 - Sept 1979

- ✓ Qualified EWS/EOOW/ERS

Performed 15 startups, shutdowns as EWS

4 startups as EOOW.

USS Los Angeles SSN-688 Jan 1974 - Apr 1977 ✓

Qualified Engine Room Supervisor Performed 3 reactor startups Supervised 4 reactor startups as EWS Trainee. ✓

Participated in initial core loading, initial criticality, physics testing, and initial power range testing.

USS Alexander Hamilton SSBN-617 Feb 1973 - Dec 1973

Qualified Refueling Petty Officer, Diesel Operator, Control Point Watch.

Performed 1 Engine Room Startup and Shutdown

Participated in refueling operations and equipment overhaul

Previous Operating Licenses:

NONE

Clark D. Hallen
Signature of Applicant

8-28-81

Date



APPLICATION FOR:

X NRC SENIOR OPERATOR LICENSE
NRC REACTOR OPERATOR LICENSE

1. FULL NAME: John Benjamin Warner
2. CITIZENSHIP: U. S. A.
3. AGE: _____
4. ADDRESS: _____

5. PRESENT EMPLOYMENT: Mississippi Power & Light Company
- TITLE: Shift Superintendent
Grand Gulf Nuclear Station
6. EDUCATION:
Hudson Valley Community College, Troy, New York
A.A.S. Air Conditioning Technology 1968-1970

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7. FORMAL TRAINING:

- 8 Week Grand Gulf Technology (GGNS)
- 2 Day Fire Brigade Training (GGNS)
- 1 Week Fire Brigade Training (GGNS)
- 1 Day Fire Brigade Training (Mississippi State Fire Academy)
- 1 Day Fire Brigade Training (GGNS)
- 2½ Day Allis Chalmers Turbine Operation (AC)
- 1 Day Quality Assurance Indoctrination
- 2 Week Refresher Training Perry Simulator
- 7 Day Plant Operations Course (Tech Specs)
- 5 Day Plant Operations Course (Admin Req's)
- 13 Day Plant Operations Course (FSAR, IOI's, EPP's)
- 6 Day Rx Physics, Core Thermo, Radcon
- 3 Day Heat Transfer - Fluid Flow (MSU)
- 1 Week Mitigation of Core Damage (GP) Sept. 1981
- Cold License Operator Qualification Card
- April - May 1975 160 hours General Physics Academic Refresher and License Preparation Review
- Dec. 1974 - March 1975 80 hours General Physics

See Attachment

UPGRADE TRAINING:

Supervised study for 6 week period in: Reactor Physics, Theory of Power Plant Operation; Heat Transfer & Fluid Flows, Core Thermal Hydraulic; Plant Systems including design control and instrumentation; Administrative Procedures, Normal and Abnormal Operating Procedures including Technical Specifications.

8. EXPERIENCE:

MP&L Sept. 1980 - Present

Shift Superintendent

Supervise MP&L personnel on shift, supervises all on shift operation in support of plant startup and testing program.

Review, revise, write plant operating, testing, surveillance Procedures.

Responsible for safe operation of all equipment; directs the activities of all operating personnel on shift.

Participated in all major startup evolutions.

Niagara Mohawk Power Co. Jan. 1972 - Aug. 1980

Sept. 1978 - Aug. 1980 Nine Mile Pt. #2

Wrote, reviewed operating procedures, system descriptions, training material.

Participated in SRO Training for NMP #1 in preparation for Cold License on NMP #2

Jun. 1975 - Sept. 1978

License Reactor Operator James A. Fitzpatrick Nuclear Power Plant

Jan. 1972 - Jun. 1975

See Attachment

FORMAL TRAINING CONTINUED

1964 - 1968

Class "A" Machinist Mate School, 13 week course.
Completed school with a standing of No. 2 in a class of 52.

Attended courses of Instruction on Board Ship in the use of Radiation
Detection Instruments and Decontamination Procedures.

1968 - 1970

Hudson Valley Community College, Troy, New York
A.A.S. Degree in Air Conditioning Technology

1970 - Present

January - March 1972 (8 weeks)

General Physics Basic Introduction Course:

<u>SUBJECT</u>	<u>HOURS</u>
Math	64
Physics	136
Engineering	48
Chemistry	24
Health Physics	24
Nuclear Instrumentation	24

April 1972 (4 weeks)

The following courses were studied during the GE BWR Technology Course:

- Process Radiation Monitor System
- Automatic Depressurization
- Control Rod Blade and Drive Mechanism
- Condensate and Feedwater System
- Primary Containment
- Reactor Water Cleanup System
- Core Standby Cooling System
- Core Spray System
- High Pressure Coolant Injection System
- Residual Heat Removal
- Cooling Water Systems
- Process Computer
- Turbine Electro-Hydraulic Control
- Electrical Distribution

FORMAL TRAINING CONT.

- Fuel Assembly
- Gaseous Radioactive Waste System
- Main Generator
- Main Steam System
- Nuclear Instrumentation
- Process Instrumentation
- Reactor Core Isolation Cooling
- Reactor Vessel Instrumentation
- Recirculation System
- Rod Block Monitoring System
- Rod Block Minimizer
- Reactor Protection
- Liquid Radwaste System

June 1972

Two week Niagara Mohawk conducted lecture course covering the operation of all systems at the Nine Mile Point Nuclear Station.

November 1972 (1 week)

GZ Simulator Training: During the 7 days the hours were evenly divided between classroom training using video tapes and actual hands-on simulator training. The time using the simulator was divided between all the Systems. Start-up, Normal Operation, and Shutdown of all Systems were included. Emergency Procedures and operation of all systems were also included.

Simulator Operation Included:

- Startup Circulating Water System
- Reactor Control Front Panel Check List
- Startup Control Rod Drive System
- Pull Reactor Criticals twice and observed six
- Feedwater System in Auto Control
- Place Turbine in Auto
- Place Generator on Line (Parallel)
- Load Generator
- LPRM Fail Down Scale
- Recirculation Pump Trip
- Relief Valve Fails Open
- Reactor Scram - Turbine - Generator Mismatch
- Recirculation Pump in Auto to Follow Load Demand
- Loss of Reactor Protection System Bus
- Reactor Scram - APRM Channel Hi-Hi
- Normal Reactor Scram Recovery
- Reactor Startup
- Reactor Scram on Low Water Level
- Loss of Feed Water Heater String
- Loss of Feed Pump
- Reactor Scram and Action Necessary to Recover Systems and Reset Scram

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FORMAL TRAINING CONT.

Diesel Generator Operation
High Pressure Coolant Injection Surveillance Test
Recirculation Pump Scoop Tube Failure and Recovery
Feedwater Flow Control Valve Signal Failure
Maximum Design Basis Accident

Viewing Tapes Which Included the Following:

RPS System, Nuclear Instrumentation, Cleanup System, Primary and Secondary Containment, Neutron Economy, Thermal Hydraulics, RHR, HPCI, RCIC, SL-1 Accident, Heat Balance, Off-Gas System.

May 1973 (2 weeks)

G2 BWR Technology Course:

Prior to classroom training, a Video Training Program was conducted. The following were tapes viewed during this time:

Reactor Vessel Assembly
Reactor Vessel Instrumentation
Control Rod Drive Hydraulic System
Reactor Manual Control
Recirculation System
High Pressure Cleanup System
Reactor Water Level Control
Fuel Pool Cooling System
Off-Gas System with RECHAR
Solid and Liquid Radwaste
SRM System
IRM System
Power Range Monitoring System
Reactor Protection
RCIC System
RHR System
SALC System

Classroom Training Consisted of:

Principles of Reactor Operation
Feature of Facility Design
General Operating Characteristics
Instruments and Controls
Safety and Emergency Systems
Radiation Control and Safety

FORMAL TRAINING CONT.

December 1974 - March 1975

Eighty hours of formal classroom lectures on plant systems, procedures, technical specifications, instrumentation, operating characteristics, reactor physics, and health physics.

Routine quizzes, both written and oral, supporting the material being covered in class and reading assignments.

On shift assignments for the operation of major plant systems and instrumentation. These assignments were either performed or simulated as plant conditions dictated.

Reading assignments made in support of classroom work and on shift assignments. Completion of these assignments required a minimum of 75 hours.

April - May 1975

General Physics academic refresher and license preparation review course consisting of the following categories:

Principles of Reactor Operation and Reactor Theory	30 Hours
Features of Facility Design	15 Hours
General & Specific Operating Characteristics	15 Hours
Instrumentation and Control Systems	15 Hours
Safety and Emergency Systems	15 Hours
Standard, Special and Emergency Operating Procedures	30 Hours
Radiation Control and Safety	

EXPERIENCE CONT.

Niagara Mohawk Power Corporation, Eastern Division, Albany, New York. Worked in the Engineering Department. Responsibilities included performing various assigned tasks.

June 1972 - October 1972

Niagara Mohawk Power Corporation, Nine Mile Point Nuclear Station as an Auxiliary Operator "B". Was responsible for the operational care of various types of complicated auxiliary equipment associated with the main turbo-generator, with only casual supervision to start and stop such equipment under normal or emergency conditions.

October 1972 to Present

Niagara Mohawk Power Corporation, James A. FitzPatrick Nuclear Power Plant as a Nuclear Auxiliary Operator "C". Responsibilities: operational care of the main-turbo-generator and reactor units, the operation or supervision of the operation of the highest types of auxiliary equipment, the execution of safe and effective mark-ups on equipment within the station, and the assistance in the detailed training of lower grade operators.

Nine Mile Point Nuclear Station

Four months experience operating various plant auxiliary equipment from outside the control room under casual supervision. Participated in the operation of the radioactive waste building.

Control room training included the observation of at least one startup and shutdown and the simulation of other control room operations. These simulated operations included systems that effected reactivity changes to the reactor. Actual "Hands on" training in the control room was gained by pulling two training criticals.

Participated in the Spring (1972) outage. Performed all phases of fuel handling including channeling, removal from core, fuel pool, and new fuel storage vault operations, and the replacement of fuel cells in the core.

Participated in all phases of fuel sipping operations.

James A. FitzPatrick Nuclear Power Plant

Extensive training the operation of systems outside the control room was gained starting with the following of systems completion during the construction. Training in the operations of systems pumps and meters and their operating performance of "run-in" tests on the equipment under the supervision of construction personnel. Total systems operation and integrated systems operation was learned through direct operation of many systems for formal pre-operational testing. Specific pre-operational tests worked on included Standby Liquid Control, Clean-up System, Ventilation Systems, D.C. Battery System.

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EXPERIENCE CONT.

RPS System, Emergency Diesel Generators, Condensor Air Removal System, Fire System, Resin Transfer and Regeneration System, Radwaste System, E.C.C.S. Unit Coolers, Emergency Service Water System, Main Steam Isolation Valves and Drywell Leak Detection Systems. Continuous training is obtained and updated by daily operation of systems as the result of job responsibilities, performance of start-up testing, site evacuation testing, venting of control rod drives, charging accumulators and cutting in feedwater heaters.

Extensive training in control room operations was obtained by spending approximately 56 hours per month in the control room under the direct supervision of the Shift Operating Foreman. During this time, the simulated operation of all systems from the control room was covered. Actual "Hands-on" operation included the following: start-ups and shutdowns of Reactor and Turbine Building Closed Loop Cooling, Service Water, Circulating Water, Clean-up System, RCIC, Instrument and Service Air, Steam Jet Air Ejectors, Recombiners, Central Rod Drive, Emergency Ventilating Systems, and the Steam Packing Exhauster. Electrical system switching was performed for the 345 KV, 115 KV, 4160 V and 600 Volt systems. A total of 4 criticals was pulled. Three system heat-up to normal operating pressure was conducted. Operations observed in the control room included several plant startups and shutdowns, the initiation of RCIC and HPCI, the rolling and synchronization of the turbine, putting the turbine on turning gear, and the startup of a reactor feed pump.

Training in the use of fuel handling equipment was obtained through familiarization with and practice using fuel handling tools. Also, qualified to operate the overhead crane and perform operations using the crane in the removal and replacement of control rod drive blades in the core and the transfer of new fuel from the new fuel storage vault to the spent fuel pool. Training in the use of the refuel bridge and the fuel grapple and trolley hoist was gained through the movement of blade guides from the fuel pool to the reactor and back. Also, operated the fuel bridge in transferring new fuel from the fuel pool to the reactor core during initial fuel loading.

Other types of training included a three day formal training program in fire protection, a 2 day training program in first aid, a one day orientation program for Quality Assurance/Quality Control, and a one day formal training lecture on the basic radiation protection and self monitoring techniques.

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9. PREVIOUS OPERATING LICENSES:

James A. Fitzpatrick Nuclear Power Plant
OP - 3842
Docket No. 55-5153
Effective Date - June 11, 1975
Niagara Mohawk Power Corporation

John B. Warner
SIGNATURE OF APPLICANT
May 12, 1982
DATE



MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

NRC Senior Operator License

* NRC Reactor Operator License

1. Full Name: PAUL MICHAEL WHALEY

2. Citizenship: U.S.A.

3. Age: 3

4. Address:

5. Present Employment:

MISSISSIPPI POWER & LIGHT COMPANY

Title:

NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

GULF COAST JUNIOR COLLEGE, GAUTIER, MISSISSIPPI 1978-1979
UNIVERSITY OF SOUTH CAROLINA (CHARLESTON, S.C.) 1977
KANSAS STATE UNIVERSITY, EMPORIA KANSAS 1973-1974

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Member Middle South Utilities System

Provided 11/9/83
by MFL (Jerry Yehonson)

Formal Training:

Certified Reactor Operator Perry Simulator 13 weeks
Completed 6 week Grand Gulf Technology Course
Fire Brigade Training (12/10/80)
Quality Assurance Indoctrination (6/4/81)
Administrative Requirements Course
Technical Specifications Course
1 week Refresher Training Perry Simulator
7 day Plant Operations Course (Tech Specs)
5 day Plant Operations Course (Admin Req's)
13 day Rx Physics, Core Thermo, Radcon
3 day Heat Transfer - Fluid Flow (MSU)
1 week Mitigation of Core Damage (GP) Sept 1981
Cold License Operator Qualification Card
US Navy Prototype Training 1976
US Navy Nuclear Power School 1976
US Navy Electronics Technician "A" School 1975

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3

Experience:

MP&L Oct 1980 - Present

Nuclear Operator "A"

- Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program.
- Wrote and reviewed operating procedures and system descriptions.
- Participated in all major plant startup evolutions to date.

US Navy Aug 1974 - Aug 1980

USS Sunfish SSN-649

Qualified Reactor Operator Nov 76 - Mar 80

NOT FOR AVAILABILITY

5. Previous Operating Licenses:

NONE

02010 J 007

Paul Michael Whaley
Signature of Applicant

8/31/81

Date

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MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

GRAND GULF NUCLEAR STATION

Application For:

☒ NRC Senior Operator License

☒ NRC Reactor Operator License

1. Full Name: JAMES LAMAR WHITE

2. Citizenship: U.S.A.

3. Age: _____

4. Address: _____

5. Present Employment: MISSISSIPPI POWER & LIGHT COMPANY

Title: NUCLEAR OPERATOR "A"

GRAND GULF NUCLEAR STATION

6. Education:

UNIVERSITY OF MISSISSIPPI, OXFORD, MS 1971-1972

Formal Training:

- ✓ Certified Senior Reactor Operator Perry Simulator 13 weeks
- ✓ Completed Memphis State University Reactor Startup
- ✓ Experience Course (10 Reactor Startups)
- Completed 8 week Grand Gulf Technology Course
- Fire Brigade Training (4/1/81)
- Allis Chalmers Turbine Operations Course (2.5 days) (4/15/81) — —
- GGNS Quality Assurance Indoctrination (6/4/81)
- 1 week Refresher Training Perry Simulator
- 7 day Plant Operations Course (Tech Specs)
- 5 day Plant Operations Course (Admin Req's)
- 13 day Plant Operations Course (FSAR, DLI's, EPP's)
- 6 day Rx Physics, Core Thermo, Radcon
- 3 day Heat Transfer - Fluid Flow (MSU)
- 1 week Mitigation of Core Damage (GP) Sept 1981
- Cold License Operator Qualification Card
- US Navy SLC Prototype Training 1974
- ✓ US Navy Nuclear Power School 1973
- US Navy Machinist Mate "A" School 1973

8. Experience:

MP&L Jun 1980 - Present
Nuclear Operator "A"

Responsible for the proper operation of control room controls, procedural adherence and support of plant startup and testing program. Wrote and reviewed operating procedures and system descriptions. Participated in all major plant startup evolutions to date.

Engine Room Supervisor USS Daniel Boone SSBN 629 6/74 - 5/79

Participated in 7 cold startups, 30 hot startups, 40 plant shutdowns, and 15 plant cooldowns as Mechanical Operator and Engine Room Supervisor. 2 years in Shipyard which involved equipment overhaul and testing.

Previous Operating Licenses:

NONE

James L. White
Signature of Applicant

August 27 1981

Date

Enclosure (3)

Medical Examinations (NRC Form 396)