



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

January 6, 1984

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File 0260/0765/L-860.0
Facility Staffing
Survey - Unit 1
AECM-84/0002

In response to an NRC survey on nuclear plant staffing and experience, Mississippi Power & Light (MP&L) is providing the attached information for Grand Gulf Nuclear Station (GGNS) Unit 1. This survey was originally provided to MP&L informally in early December, 1983. After some misunderstanding regarding the unit applicability of this survey, MP&L was directed by your staff to respond to the survey with respect to GGNS-Unit 2. That response was provided to you via MP&L letter AECM-83/0803, dated December 19, 1983.

Due to continued interest in Grand Gulf staffing, your letter to MP&L, dated December 12, 1983, requested that the survey information also be provided for GGNS-Unit 1. That NRC letter was not received by MP&L until December 21, 1983. The attached information, pertaining to GGNS-Unit 1, is provided as formal response to that request. An informal draft of this response was provided via telecopy to your staff on December 30, 1983, and was the subject of discussion held on that date between Mr. J. G. Cesare, MP&L Manager of Nuclear Licensing, and your Mr. John Hannon (Division of Licensing).

As discussed in our meeting with you and your staff on October 12, 1983, we realize that the NRC is concerned about the lack of previous operating experience on the part of the plant operating staff. In our letter to you of October 26, 1983 (AECM-83/0680) and in our meeting with your staff on October 28, 1983, we have attempted to offer for your consideration that many parameters factor into the competence and readiness of an organization to safely operate a nuclear generating facility such as Grand Gulf. MP&L wishes to emphasize the significant and meaningful experience of our personnel at Grand Gulf during the construction and pre-operational phases. In addition, MP&L has placed operating BWR experienced consultants and advisors at key locations in our organization with defined job responsibilities to augment the

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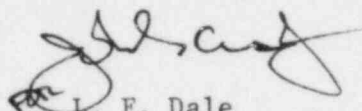
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shift operating staff and the plant and corporate management team. It is MP&L's position that these steps and others offset the present lack of BWR operating experience on the part of the shift organization. Additional supporting information was provided, as indicated above, in our letter serial, AECM-83/0680. Please advise if additional information is required.

Yours truly,



L. F. Dale

Manager of Nuclear Services

JGC:sap
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a)
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

FACILITY STAFFING SURVEY⁽¹⁾

PLANT Grand Gulf

Anticipated Licensing Date 2/84⁽²⁾

A. OPERATING SHIFT (at full power licensing)⁽³⁾

1. No. of Shifts [5]

2. No. of ROs Assigned to Shift Work [13]

No. of Yrs. of Commerical RO experience on hot plants (post-initial criticality)	BWR ⁽⁴⁾ [1.5]	PWR [0]
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3. No. of SROs Assigned to Shift Work [10]

No. of Yrs. of Commerical RO experience on Hot plants	BWR [0]	PWR [0]
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No. of Yrs. of Commerical SRO experience on Hot plants	BWR ⁽⁴⁾ [1]	PWR [0]
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4. No. of SROs with 4-yr. degrees	Non-engineering [3]	Engineering [3]
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5. No. of Shift Superintendents (SS) (with 4-year degrees)	Non-engineering [1]	Engineering [2]
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NOTES: (1) All experience levels rounded to nearest 1/2 year.

(2) Low power license granted June 16, 1982. Anticipated full power licensing in early February, 1984.

(3) To provide this information certain assumptions were made regarding the outcome of the current operator training recertification program and regarding the placement of personnel in the shift organization.

(4) BWR experience exclusively from Grand Gulf hot critical operations.

B. ON-SITE MANAGEMENT

	STA	Ops.Supt.	Assist. Plt. Mgr. Ops.	Plant Mgr.	Assist. Plt. Mgr. Maint.	Plt. Qual. Supt.	Assist. Plt. Mgr. Support
To have license at time of OL	No(5)	Yes	(1)	No(2)	No(2)	No	No(2)

Previously licensed⁽³⁾

RO/SRO	(1)	
Type Plant	(1)	
No. Years	(1)	
No. Years "Hot" Exp.	(1)	2.0(4)

Degreed

Type (Discipline(s))	4 NE 1 ME	Math Physics	(1)	EE	EE	Indust. Tech.	NE
Level (A/B/M/D)	B	B/M	(1)	B	B	B	B

- NOTES: (1) Position currently vacant due to recent promotion of APM-Ops to Plant Manager. MP&L is actively recruiting a replacement APM-OPS.
- (2) These individuals are required to complete an abbreviated program including plant systems and simulator training. This program is intended to provide plant management personnel with a sound knowledge of plant design, operations, and accident response.
- (3) None of personnel in above listed positions have been previously licensed on commercial reactors.
- (4) "Hot" experience at PWR, however, not as licensed operator.
- (5) STA qualifications are specified in the GGNS FSAR, Subsection 13.1.3.1.7.

C.

CORPORATE NUCLEAR EXPERIENCE
(i.e., "Off-Site" Management)

POSITION	NAME	Nuc. NAVY (Yrs)	Licensed RO/SRO	Yrs. at Oper. Nuc. Stations (On-Site)	Yrs. at Other ⁽¹⁾ Nuc. Support/ Management Position		Degree Level	Discpl.
					(Off-Site)			
Senior Vice President-Nucl.	J. B. Richard	20	None	0	2.5 PWR/BWR		B	Science & Engr.
Vice President- Nucl.	J. P. McGaughy	4	None	0	11 BWR 2 PWR		B/M	EE/NE
Mgr. of Nucl. Serv.	L. F. Dale	0	None	0	13.5 BWR		B/M/M	NE/NE/BA
Mgr. of Nucl. Fuels	C. L. Tyrone	0	None	2 BWR	9 BWR		B/M	NE/NE
Mgr. of Nucl. Lic.	J. G. Cesare	4	None	0	4 BWR		B/B/M	Chem E/NE/NE
Mgr. of Nucl. Safety & Cmpl.	S. H. Hobbs	0	None	0	3 BWR 8 PWR		B/M/M	Physics/ NE/Finance
Mgr. of QA	T. E. Reaves	0	None	0	10 BWR		B	ME
Mgr. of Nucl. Plant Eng.	J. F. Pinto	6	None	1 BWR	5.5 BWR 6.5 PWR		B	EE
Mgr. of Rad. & Env. Services	L. R. McKay	3	None	0	4 BWR		B/M/D	Med. Tech/ Rad. Science/ Bio. Nucleonics
Special Assist. to Senior VP-Nucl.	C. K. McCoy	10	None	0	9.5 BWR		B/M	EE/BA

NOTE: (1) Experience on Grand Gulf project included.
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