



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

April 14, 1981

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
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0272/L-813.0/L-840.0
ANSI N18.1-1971, Submittal of
Proposed Clarifications and
Exceptions
AECM-81/135

Our review of ANSI N18.1-1971 entitled "Selection and Training of Nuclear Power Plant Personnel," has necessitated the submittal of certain clarifications and exceptions to this standard which are presented here for your review, comment, and approval.

Currently, Mississippi Power & Light (MP&L) is committed to Regulatory Guide 1.8, Revision 1, dated September, 1975, with the exceptions as noted in Appendix 3A of the Grand Gulf Nuclear Station (GGNS) Final Safety Analysis Report (FSAR). This Regulatory Guide, accepts as an adequate basis, the criteria presented in ANSI N18.1-1971 for the selection and training of nuclear power plant personnel.

MP&L is currently pursuing qualified individuals for the staffing of GGNS Unit 1. For these reasons we are, at this time, proposing certain clarifications and exceptions to ANSI N18.1-1971 for your approval in order that we may establish and employ approved selection criteria for these individuals. These exceptions are referenced to paragraphs of the above noted version of ANSI N18.1 and are provided as an attachment to this letter.



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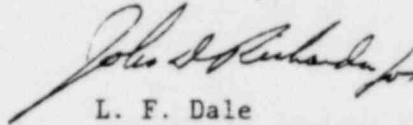
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In that we anticipate significant recruiting effort in May of this year, we request your expeditious review and reply since this issue impacts our selection criteria. Please advise this office should you require additional information.

Yours truly,



L. F. Dale
Manager of Nuclear Services

MRW/SHH/JDR:lm

Attachment: Specific Clarifications and Exceptions to ANSI N18.1-1971

cc: Mr. N. L. Stampley
Mr. G. B. Taylor
Mr. R. B. McGehee
Mr. T. B. Conner

Mr. Victor Stello, Jr., Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

GRAND GULF NUCLEAR STATION

ANSI N18.1-1971

Selection and Training of
Nuclear Power Plant Personnel

Clarifications

Subparagraph 4.5.1 requires Non-Licensed Operators (affected MP&L classification: Auxiliary Operator) to have a high school diploma or equivalent, and should possess a high degree of manual dexterity and mature judgement. Selection interviews and examinations should be used for all operators to aid in determining individual ability to progress to high levels of responsibility and to eventual AEC licensing. MP&L proposes that, for Auxiliary Operators, personnel selection be based on the completion of a typical junior college two year engineering program or course work in nuclear reactor plant operations; e.g., reactor operator training program at Memphis State University. It is the MP&L position that Operator Trainees recruited with one to two years in either of these backgrounds are as qualified to commence operator training as those who may have one year actual experience. It is further concluded that the type of course work noted above provides an excellent basis for actual on the job training. Individuals meeting MP&L selection criteria, as stated above, would be considered for the Auxiliary Operator position following successful completion of six months of component and system training. This training we believe will meet the intent of the requirements of subparagraph 5.3.

Exceptions

Subparagraph 4.5.3 requires that maintenance personnel shall have a minimum of three years work experience in one or more crafts. They should possess a high degree of manual dexterity and ability and should be capable of learning and applying basic skills in maintenance operations. MP&L proposes that technical or academic training should be allowed as equivalent to work experience on a one for one basis up to a maximum of two years. It is intended here that individuals be given credit for academic, technical, and/or vocational course work and training which relates to power plant maintenance tasks. Examples offered for illustrative purposes include course work and training toward an Associate's Degree in Applied Science, majoring in Electronics or Mechanical Technology. MP&L contends that a technical background such as this or even one more purely academic (i.e., junior college, pre-engineering) affords an individual an excellent basis on which to commence on the job training or actual work experience. Individuals qualifying for the maximum of two years of training (in lieu of actual work experience) would be considered for positions of Mechanic, Instrument Mechanic, Electrician, or Computer Mechanic following one year of actual work experience at GGNS.