

JUL 8 1970

SD-269

A. Schwencer, PWR Branch #2, DRL

DRAFT MATERIAL FOR ACRS REPORT ON OCONEE

The attached draft material is furnished for your use in the ACRS report on Oconee. As you are aware, there are several open questions on Oconee. You may choose to edit our draft material because of the number of outstanding items in our review of the Conduct of Operations area.

Original Signed by
Dudley Thompson

Dudley Thompson, Chief
Operational Safety Branch, DRL

cc: C. G. Long, DRL
D. J. Skovholt, DRL
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DATE ▶	7/8/70					

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Conduct of Operations

Staffing

The applicant has proposed a fairly conventional on-site staff organization, described in Section 12 of the FSAR and in Amendment 11. The minimum qualifications for key personnel in the operating organization are in general agreement with those proposed in the ANS proposed Standard for Selection and Training of Personnel for Nuclear Power Plants, with the exception of experience requirements for the Technical Support and Performance Engineers, the Chemist and the Maintenance Supervisor. We shall require that Technical Specifications delineating minimum qualifications for these positions be consistent with the ANS proposed standard.

With the exception of the subject of shift crew size, discussed below, we have concluded that the operating and technical support organization for normal operation proposed by the applicant is satisfactory.

Shift Crew Size

The applicant has proposed to operate the facility with a smaller shift crew size than we consider acceptable. We have informed the applicant that minimum crew sizes of five men for Unit 1 operation, eight men for operation of Units 1 and 2, and twelve men for all three units will be required, and have described the required crew composition with respect to numbers and types of AEC licenses needed on each shift. We have also indicated to the applicant that we are willing to consider smaller crew sizes after significant operating experience has been obtained.

Augmentation of Staff for Initial Startup

We have not received sufficient information concerning the startup organization to evaluate this phase of operation. This information was requested of the applicant in February, 1970.

Training

The training program outlined for the operating staff is a conventional program provided by the applicant and the NSSS vendor, supplemented by assignment of key personnel to the Saxton reactor to gain operating experience. Subject to satisfactory completion of license examinations of those individuals proposed for AEC licensing, we conclude that the training program is acceptable.

Review and Audit

The applicant has stated, in Amendment 11, his intent to provide for review and audit of plant operations independent of the line organization. We shall require that additional details of his arrangements for this function be included in the Administration Section of the Technical Specifications, in a manner similar to that provided for other plants recently licensed.

Emergency Planning

The applicant has provided in Amendment 11 a discussion of the general aspects of his emergency plan. We have requested that the Emergency Plan proper be provided for our evaluation. While we find the descriptive material furnished to date to be generally acceptable, we reserve judgment on the overall adequacy of the emergency plan until we have had the opportunity to evaluate it in toto.

Industrial Security

Provisions for industrial security described by the applicant in Amendment 11 include perimeter fencing, gate and door access control and a closed-circuit television and remote control lock system for off-hour identification and admission of personnel to the facility. Appropriate controls over access to Units 1 & 2 by construction personnel working on the units still under construction have been proposed. We conclude that the provisions for industrial security are adequate.

Initial Tests and Operation

The information provided by the applicant to date regarding the pre-operational, startup and power ascension tests is inadequate for evaluation of the overall program. We shall continue to work with the applicant to secure better documentation of their proposed test program. As usual, the Division of Compliance will verify the adequacy of the test procedures as part of its inspection program.