

SSES-FSAR

QUESTION 422.1

In regard to the technical groups providing support for the operation of the Susquehanna Station, provide the following information for the three groups reporting to the Manager-Power Plant Engineering, Figure 13.1-3 (Power Plant Additions, Power Plant Engineering Development, and Project Engineering Manager-Susquehanna) and the three groups reporting to the Manager Nuclear Support, Figure 13.1-4 (Simulator Supervisor-Susquehanna, Senior Nuclear Support Engineers, and Staff Health Physicists):

- (1) The number of professional persons assigned or expected to be assigned at the time of plant startup for the group.
- (2) The expected proportion of time that they can be assigned to support the operation of Susquehanna if they have assignment for other activities.

RESPONSE:

Power Plant Additions

- 1) This group will include approximately 100 professional technical personnel at the time of plant start-up (1981).
- 2) This group's primary responsibilities are the engineering required in support of the company's existing fossil power plants and company buildings and will not have regular assignments in support of Susquehanna SES. They may, on occasion, be called upon for some specific assignment in a specialty area such as an architectural project to expand the office facilities at the plant. Less than 5% of this group's time is anticipated to be spent on support of Susquehanna SES operation. Under emergency conditions engineers from this group could be called upon for support as needed.

Power Plant Engineering Development

- 1) This group will include approximately 40 professional technical personnel at the time of plant start-up.
- 2) This group will provide operational support for Susquehanna SES in the area of engineering standards, guidelines and procedures, economic and feasibility studies, and technical consulting. Approximately 20% of this group's time is expected to be directed to

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Susquehanna SES support activities. Under emergency conditions, additional support could be provided as needed.

Project Engineering Manager-Susquehanna

This title has been revised to Manager-Nuclear Plant Engineering and the Group name is Nuclear Plant Engineering.

- 1) This group will include approximately 75 professional technical personnel at the time of plant start-up.
- 2) This group is dedicated to Susquehanna SES and will spend 100% of its time on operational support.

Simulator Supervisor-Susquehanna

- 1) This group will include 5 professional technical personnel at the time of plant start-up.
- 2) This group is dedicated to Susquehanna SES and will spend 100% of its time on operational support.

Senior Nuclear Support Engineers

- 1) This group will include 6 professional technical personnel at the time of plant start-up.
- 2) This group is dedicated to Susquehanna SES and will spend 100% of its time on operational support.

Staff Health Physicists

- 1) This group will include 3 professional technical personnel at the time of plant start-up.
- 2) This group is dedicated to Susquehanna SES and will spend 100% of its time on operational support.

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QUESTION 422.2

Describe the qualification requirements for the positions of Senior Results Engineer and Chemistry Analyst either by reference to ANSI N18.1 or by describing the specific requirements for the positions.

RESPONSE:

The Senior Results Engineer will have, prior to fuel load or appointment to the position (whichever is later), a bachelor's degree in Engineering or the Physical Sciences and three years of power plant experience.

The position of Chemistry Analyst requires a high school diploma or equivalent, successful completion of a high school level chemistry course, and the demonstrated ability to complete Chemistry Analyst training as evidenced by successful completion of a selection examination. After appointment to the position, the employee will complete a training program consistent with training and experience previously received. Prior to becoming fully qualified upon completion of this training, the Analyst may perform work for which proficiency has been demonstrated in accordance with the training program.

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QUESTION 422.3

Please provide the qualifications of the person filling the position of Quality Supervisor.

RESPONSE:

As described in Subsection 17.2.1.1.1.4.1.1, the Quality Supervisor meets the requirements set forth in Section 4.4.5 of ANSI/ANS 3.1-1978.

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QUESTION 422.4

Provide the position titles of members to be assigned to the Nuclear Review Board or describe the qualification requirements for members of the Board.

RESPONSE:

See Subsection 13.4.2.2 for this information.