

V.

NSSS DESIGN GROUP

The NSSS Design Group is responsible for the preparation and issue of overall plant level requirements for the Nuclear Steam Supply System. As such, the group has cognizance over the definition of analysis inputs required to support the plant level requirements and the coordination of the analysis inputs required for component level requirements. In addition, the NSSS Design Group is responsible for Plant BOP Criteria and secondary system requirements and provides documentation for the functional design of other systems and components which have direct interfaces and operational influence on the overall Nuclear Steam Supply System. This responsibility encompasses standards, contracts and proposals.

Specific assignments within the NSSS Design Group include, but are not limited to, the following:

1. Identify Plant Analysis necessary to define overall NSS System Requirements that affect more than one system.
2. Identify System Requirements necessary to assure interfaces between the Reactor Coolant System and supporting systems, including BOP and Secondary Systems.
3. Interpret the various NRC requirements for Plant Design and assure that the requirements are implemented via the Systems Requirements Specifications.
4. Provide generic policy and coordination for problem resolution affecting the broad aspects of the overall plant design.
5. Prepare, issue and maintain the following documents to carry out the above responsibilities:
 - a. Nuclear Steam Supply System Plant Requirements
 - b. Secondary System Requirements
 - c. Balance of Plant Criteria Documents
 - d. NSS Safety Classification Requirements
 - e. Regulatory Guide Compliance Statements

Prt's GPU
Ex. 377 For ID
Date 9-29-81 J.R. Danyo

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In addition to these specific assignments, there is a high level of effort associated with the overall responsibility of the group. Included are such items as:

1. Conduct interface reviews among the NSS and SS/BOP Systems to assure compatibility of interfacing system designs and hardware.
2. Review applicable portions of SAR's as requested.
3. Provide technical interface information and liaison with Project Management and customers as required.
4. Initiate and conduct formal design reviews of selected portions of the plant design.
5. Review and approve selected test specifications and draft operating procedures for systems and equipment in the NSS and SS/BOP.
6. Provide technical coordination as required to resolve interfaces between the Analytical and Equipment Engineering Units.
7. Review and approve System Description and Design changes for systems which have direct interfaces or operational influence on the plant design.
8. Participate in solutions for generic risk problems for the NSS and SS systems, or for systems which have direct interfaces or operational influence on the plant design.
9. Review and approve selected test results in the RCS and SS to assure fulfillment of plant level requirements.
10. Keep line and Project Management advised of work status and identification of problem areas requiring their participation in resolution.