



**PSEG**

Rec'd 9-12-85

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

September 9, 1985


Dr. Thomas E. Murley, Regional Administrator  
Region 1  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Dear Dr. Murley:

QUALITY ASSURANCE PROGRAM DESCRIPTION  
SALEM GENERATING STATION  
UNITS NO. 1 AND 2  
DOCKET NOS. 50-272 AND 30-311  
MISSING PAGES

Our letter of August 19, 1985, transmitted a current description of our quality assurance program pursuant to 10 CFR 50.54(a), which was referred to Mr. R. Winter of your staff. It appears that certain pages from the attachments were inadvertently omitted. This letter transmits pages 17.2-18, 17.2-20 and 17.2-22 from Attachment 1, and Page 2 from Attachment 2, per Mr. Winter's request.

Sincerely,

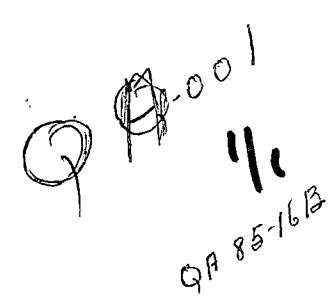
  
E. A. Liden  
Manager - Nuclear  
Licensing and Regulation

Attachments (as stated)

C Mr. Donald C. Fischer  
Licensing Project Manager

Mr. Thomas Kenny  
Senior Resident Inspector

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The Energy People

the QA Program requirements are specified. Specifications are forwarded to NQA for review and approval of quality and quality assurance requirements. NQA performs the same function in this case as during the original design stage.

The SORC reviews proposed changes affecting nuclear safety and makes recommendations concerning implementation of the change to the General Manager - Salem Operations. If the proposed modification involves a Technical Specification change or is considered by the SORC to involve an unreviewed safety question (10CFR50.59), the matter is submitted to the NRB for a determination of its safety implication before a license change request is submitted for NRC approval.

External interfaces with manufacturers, consultants, and other departments, including procedures for the preparation, transmittal, review and approval of design information, are identified in documents such as contracts, specifications, purchase orders, design data sheets, and drawings.

Updating of records, including drawings, blueprints, instructions and technical manuals, and specifications resulting from design changes, is the responsibility of the Nuclear Support Department.

#### 17.2.4 PROCUREMENT DOCUMENT CONTROL

All initial procurement documents for the purchase of Q-listed material, equipment or services, are reviewed and approved by NQA prior to issuance by the Purchasing Department to the prospective supplier. Procurement documents for subsequent reorders of Q-listed material, equipment or services are selectively reviewed and approved by NQA prior to issuance by the Purchasing Department to the prospective supplier. NQA review assures that spare and replacement parts are procured utilizing controls which are at least equivalent to the original procurement.

The review also assures that procurement documents adequately and correctly:

The General Manager - Salem Operations is responsible for assuring that station procedures are prepared, approved, and implemented in compliance with the Station Administrative Procedures. Documents affecting nuclear safety are reviewed by the SORC for technical content, and by the SQAE for inspection requirements including designation of QA hold points where required and are approved by the responsible station department head and the General Manager - Salem Operations.

The General Manager - Nuclear Support is responsible for issuing specifications, drawings, blueprints, instruction manuals and technical manuals associated with structures, systems, and components covered by the QA Program. These reference documents are kept up to date for the life of the station by the incorporation of approved and implemented modifications and design changes. Master lists of current editions or revisions of these documents are issued by the General Manager - Nuclear Support to the General manager - Salem Operations periodically to assure that only current, approved reference documents are used at the station.

The SQAE reviews and approves selected station inspection plans and procedures for test, calibration, maintenance, modification and repair. Changes to these documents are also reviewed and approved. In addition NQA is responsible for review and approval of the following documents: PSE&G specifications, test procedures, and results of preoperational testing.

#### 17.2.6 DOCUMENT CONTROL

Instructions, procedures, and drawings and changes thereto are approved by appropriate levels of management of the PSE&G organizations producing such documents. Supplier documents are controlled according to contractual agreements with suppliers.

The following is a generic listing of documents for the operational phase showing organizational responsibility for review and approval, including changes thereto:

Measures have been established to insure that the Administrative Procedures and department instructions are up to date, are properly authorized, are changed only after required review and the approvals are obtained, and are distributed to cognizant personnel.

#### 17.2.7 CONTROL OF PURCHASED MATERIAL, EQUIPMENT AND SERVICES

NQA maintains an up-to-date listing of approved suppliers of material, equipment, and services covered by the QA Program. This list identifies suppliers and contractors which have demonstrated the ability to supply acceptable material, equipment, or services. The list need not include original manufacturers of commercial catalog items. All QA Program procurements are made from approved suppliers.

Selection and evaluation of prospective bidders and suppliers are performed by the responsible engineer and the NQA. The responsible engineer determines the technical competence of the supplier. The NQA evaluates the prospective supplier's quality assurance program for compliance with the capability of meeting applicable requirements of 10CFR50 Appendix B and for the requirement that applicable program requirements be extended to subtier suppliers.

Qualified NQA personnel evaluate the prospective supplier's quality assurance capability utilizing one or more techniques including, but not necessarily limited to:

1. Evaluation of supplier's or contractor's procedures or manuals and changes thereto.
2. ASME code stamp approval.
3. CASE register listing.
4. Satisfactory past history of providing similar items.
5. Survey of supplier's facility.

4) Page 17.2.11-section 17.2.2.-11

- It was indicated previously in revision three (3) that certificates of qualification for personnel performing inspection and test activities, were issued for the duration of the person's employment by PSE&G unless the persons status was changed. This information has been deleted from the text in order to satisfy the requirements set forth in Regulatory Guide 1.58 (ANSI N45.2.6) which provides for a maximum of three (3) years duration on certificates of qualification. This change more clearly defines the functions and organizations requiring certification in accordance with Regulatory Guide 1.58 and is more consistent with PSE&G actual practices, which is and has been tri-annual recertification of personnel.

5) Page 17.2.11-section 17.2.2.-14

The rephrasing within this section is for clarification of present commitments and does not constitute a reduction in current commitments. The justification for this is that the Standard Review Plan endorses a 2-hour fire rating specified in NFPA No. 232 and ANSI N45.2.9 (1979), but no new revision of Regulatory Guide 1.88 (last revised 10/76) taking a regulatory position, has been forthcoming.

6) Page 17.2.19-section 17.2.4

This section which addresses procurement document control has been revised to establish clarification of actual functional activities, which provides measures for NQA verification of reorders on Q-Listed material equipment or services, to assure that the originally reviewed and approved QA provisions have been maintained during the reorder cycle, as opposed to complete review and approval activities.

- Page 17.2.21-section 17.2.4 2nd paragraph

The word "selective" has been added in the first sentence of the second paragraph. This addition has been made to provide greater clarifications to existing commitments in other sections of the UFSAR, specifically that (1) "operating procedures", as identified on page 17.2-22-section 17/2-6, are not reviewed by NQA and (2) that only maintenance, modification, calibration procedures for Q-Listed station work activities, that involve QA Inspection requirements are reviewed by NQA as identified in the 1st sentence of page 17.2-22-section 17.2.6