U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
REGION IV

Report No. 99900404/79-03 Program No. 51100

Company: Westinghouse Electric Corporation
Water Reactor Divisions
Post Office Box 355
Pittsburgh, Pennsylvania 15230

Inspection Conducted: August 13-16, 1979

Inspectors: Ross L Brown 8/24/79
Ross L. Brown, Principal Inspector Date
Program Evaluation Section
Vendor Inspection Branch

Approved by: for Ross L Brown 8/24/79
C. J. Hale, Chief Date
Program Evaluation Section
Vendor Inspection Branch

Summary

Inspection on August 13-16, 1979 (99900404/79-03)

Areas Inspected: Implementation of Topical Report No. WCAP 8370 including Supplier Nonconformance and Corrective Action and action on previous inspection findings. The inspection involved twenty seven (27) inspector hours on site.

Results: In the two (2) areas inspected, no deviation from commitment or unresolved items were identified.

DETAILS SECTION

A. Persons Contacted

*C. H. Beel, Manager QA Electrical Surveillance
J. I. Bramer, Senior Quality Engineer
*R. B. Bremmer, Manager NED Product Assurance
*P. T. McManus, Senior Quality Engineer
*W. E. Scarbrough, Quality Engineer
F. Silverman, Scans Coordinator

*Indicates attendance at the exit meeting.

B. Action on Previous Inspection Findings

1. (Closed) Deviation (Report 79-01): The inspector verified that a memorandum was distributed to Quality Assurance (QA) management and engineers that defined the extent of the changes to the Product Assurance Procedure PAP 5.7 necessary to specifically describe how Quality Standards (QA-STD) and quality surveillance worksheets are prepared, reviewed and approved.

   The inspector also determined that QA-STD-119, QA-STD-128, QA-STD-129 and QA-STD-134 had been approved and that they do include a surveillance worksheet for use by the QA Surveillance Engineer. This item is considered closed.

2. (Closed) Unresolved Item (Report 79-02): Westinghouse - Water Reactor Division (W-WRD). Policy/Procedure WRD-OPR 15., Rev. 1, Operating Plant Deficiency Reporting System (OPDR), describes a system for controlling operating plant deficiencies to ensure resolution by the cognizant design function and to provide rapid communication of the resolution to the operating plants: This procedure is applicable to all departments of WRD and is signed by the WRD Manager.

   This procedure appears to be in accordance with the W-WRD response letter dated May 24, 1979, and the item is considered closed.

C. Supplier Nonconformance and Corrective Action

1. Objectives

   The objectives of this area of the inspection were to verify that procedures have been established and implemented for:

a. Disposition of nonconformances that provide for:

(1) Measures by the purchaser and supplier for identification, control, review, and disposition of items or services that do not meet procurement document requirements.

(2) Submittal of nonconformance notice to purchaser by supplier which shall include recommended disposition and technical justification.

(3) Submittal to the purchaser for approval of dispositions containing one or more of the following nonconformances:

(a) Technical or material requirement violated.

(b) Violated requirement in supplier document approved by purchaser.

(c) Nonconformance cannot be corrected by continuation of the original process or by rework.

(d) Original requirement is not met but the item can be restored so that its function is unimpaired.

(4) Purchaser disposition of supplier recommendations, verification of disposition, and maintenance of records of nonconformance.

b. Corrective action that provides for:

(1) Identification of and timely corrective action for conditions adverse to quality which occur during the procurement process that are the responsibility of the pur[illegible].

(2) Review and evaluation of conditions adverse to quality to determine the cause, extent, and measures needed to correct and to prevent recurrence.

(3) Reporting these conditions and the corrective action to management.

(4) Assuring that corrective action is implemented and maintained.

(5) Verification of suppliers corrective action system.

2. Method of Accomplishment

The preceding objectives were accomplished by:

a. Review of the Westinghouse (W) Topical Report WCAP 8370, Section 17.1.15, Non-Conforming Material Parts or Components, requires suppliers to provide a system for the control of discrepancies and deviation are to be reported to W-WRD for disposition.

b. Review of the W Topical Report WCAP 8370, Section 17.1.16, Corrective Action, requires that the supplier's quality system provide for the identification and evaluation of recurring discrepancies and determine the need for corrective action, in addition the W-WRD product assurance and cognizant engineers determine corrective actions needed by the supplier to prevent recurrence.

c. Review of the following implementing Policy/Proceduries.

(1) WRD-OPR-7.0, Control of Purchased Materials, Equipment and Services, requires the procurement documents to include the WRD requirements for reporting and dispositioning nonconformances.

(2) WRD-OPR-15.2, Deviation Notices, states that the manufacturer may request the acceptance of a nonconforming condition by submitting a deviation notice (DN) for disposition by the cognizant organization.

(3) WRD-OPR-16.0, Corrective Action, requires that for significant or recurring discrepancies the cause be determined and corrective action to prevent recurrence taken and documented.

d. Review of two (2) implementing Product Assurance Procedures (PAP).

(1) PAP-5.5 Rev. 1, Control of Nonconforming Material, Parts and Components, describes how nonconformances are documented, reported and dispositioned. The responsibilities for these activities are also assigned.

(2) PAP-5.20, Rev. 2, Supplier Corrective Action Notice (SCAN) establishes a system to identify, monitor and obtain satisfactory supplier corrective action whenever major or chronic minor supplier deficient conditions occur or are identified as a result of on audit.

e. Review of the following DNs and SCANs to verify compliance with the requirements established in paragraph C.2.a, b, and d.

(1) DN-020106, DN-020107, Dn-020108, DN-019914 and DN-019908.

(2) SCAN-001474Q, SCAN-001476Q, SCAN-001478Q, SCAN-001479Q and SCAN-001490Q.

3. Findings

No deviations from commitment or unresolved items were identified in this area of the inspection.

D. Exit Meeting

An exit meeting was held with management representatives on August 16, 1979. In addition to those persons indicated by an asterisk in paragraph A, those in attendance were:

H. H. Brunko, Manager, Product Assurance
T. W. Coffield, Quality Engineer
E. J. Hampton, Manager, PA Systems
R. J. Kacey, Buyer/Purchasing
E. Landerman, Advisory Engineer
L. E. Race, Senior Engineer
R. B. Stermon, Manager, NEED, Product Assurance

The inspector discussed the scope of this inspection and the details of the findings. Management representatives had no comment in response to the items discussed.