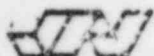


J.A. JONES CONSTRUCTION COMPANY

NUCLEAR PROJECT OPERATING PROCEDURE		PROCEDURE NO. POP-N-703	
TITLE OF PROCEDURE: NONCONFORMANCE REPORTING AND CORRECTIVE ACTION		Issue Date: 1/13/78	
PROJECT TITLE: WATERFORD SES UNIT #3. CONTRACT NO. W3-NY-4		Rev. No. & Date: 4 5/24/78	
PREPARED BY: T. N. McAllister	DATE 5/24/78	APPROVED BY: <i>D. A. Schmitt</i> <i>T. N. McAllister</i>	DATE 5-27-78 5-24-78
<p>1.0 <u>PURPOSE</u></p> <p>This procedure provides the methods for initiating, dispositioning, and processing Nonconformance Reports.</p> <p>2.0 <u>SCOPE</u></p> <p>This procedure applies to permanently installed safety related materials and equipment utilized in work associated with the fabrication, assembly and erection of components, systems and structures of Nuclear Power Plants.</p> <p>3.0 <u>DEFINITIONS</u></p> <p>3.1 NCR referenced herein shall mean Nonconformance Reports. Form No. 6009 (Figure 1).</p> <p>3.2 <u>Nonconformance</u> - A condition in characteristic, documentation, or procedure which renders the quality of an item or service, unacceptable or indeterminate. Examples of nonconformance include: physical defects, test failures, incorrect or inadequate documentation, or deviation from prescribed inspection or test procedures.</p> <p>The following are some examples of deviations from the applicable specifications, codes and standards that must be classified as Nonconformances:</p> <p>a) Deviations that affect the structural integrity of the item such as deviations in materials; deviations in non-destructive testing requirements; deviations in welding; heat treating/stress relieving requirements; deviations from parameters of stress reports; deviations in testing requirements and undersized steel reinforcing bars.</p>			

INFORMATION ONLY



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b) Deviations that are likely to result in failure or reduce materially, the usability of the item, such as deterioration resulting from inadequate storage; use of welding filler metal other than those specified by the specification; surface irregularities exceeding code requirements; severe localized corrossions and pipe bending radius smaller than that specified by the specifications.

- 3.3 Repair - The process of restoring a nonconforming characteristic to a condition in which the capability of an item to function reliably and safely is unimpaired, even though that item still may not conform to the original requirement.
- 3.4 Rework - The process by which a nonconforming item is made to conform to a specified requirement by completion, remachining, reassembling or other corrective means.
- 3.5 Scrap - A disposition which established an item as unfit for its intended use and uneconomical or impossible to rework or repair it.
- 3.6 Accept-As-Is - A disposition which may be imposed for a nonconformance when it can be established that the discrepancy will result in no adverse conditions, and that the item under consideration will continue to meet all engineering functional requirements, including performance, maintainability and fit.

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4.0 REFERENCES

- 4.1 "organization and Responsibilities", POP-N-100.
- 4.2 "Use of Work Procedures and Process Control Sheets", POP-N-501.
- 4.3 "Quality Assurance Program and Organization", POP-N-700.
- 4.4 "Inspection of Incoming Material", POP-N-712.
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5.0 GENERAL

- 5.1 Anyone detecting a discrepant item of nonconforming condition is responsible for reporting the condition to Quality Assurance.
- 5.2 Quality Assurance is responsible for the preparation, issuing, internal distribution and control of Nonconformance Reports.
- 5.3 Repair, rework or processing shall not be affected on an identified nonconforming item, until the nonconformance report corrective action disposition has been determined. Any exception to the requirements must be approved by the Cognizant Project and Quality Assurance Engineers.
- 5.4 Project Engineering shall acquire disposition for NCRs and Engineering justification for all accept-as-is and repair dispositions.

6.0 PROCEDURE

6.1 Part I: Reporting Phase:

- 6.1.1 Whenever a nonconforming condition has been identified, the Quality Verification Inspector shall:
- 6.1.1.1 Prepare a draft copy of the NCR, Part I, (Figure 1).
 - 6.1.1.2 Prepare and affix a Reject Tag (Figure 2) to the nonconforming item or system.
 - 6.1.1.3 Notify the Area Superintendent of the NCR.
 - 6.1.1.4 Forward the NCR to the Quality Verification Supervisor.



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6.1.2 The Quality Verification Supervisor shall:

- 6.1.2.1 Review the NCR to assure that the reported condition is adequately defined and actually constitutes a nonconformity.
- 6.1.2.2 Forward the NCR to the Quality Assurance Records Clerk.

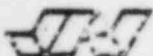
6.1.3 The Quality Assurance Records Clerk shall:

- 6.1.3.1 Type the NCR on the Ebasco 6009 NCR Form (Figure 1) and assign the next consecutive NCR number.
- 6.1.3.2 Log the NCR in the NCR Log along with its description.
- 6.1.3.3 Obtain signature of person writing NCR and Quality Verification Supervisor's initials above Block #9.
- 6.1.3.4 Forward the NCR to the Quality Assurance Engineer.

6.1.4 The Cognizant Quality Assurance Engineer shall:

- 6.1.4.1 Review the typed NCR to assure all items are correct.
- 6.1.4.2 Return the NCR to the Quality Assurance Records Clerk.

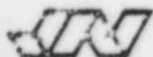
6.1.5 The Quality Assurance Records Clerk shall make the initial internal distribution, including a copy to the Cognizant J. A. Jones Engineer.



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6.2 Part II: Dispositioning Phase:

- 6.2.1 The Cognizant Project Engineer is responsible for determining and/or obtaining the corrective action disposition, Part II of the NCR.
- 6.2.2 The Cognizant Project Engineer is authorized to provide dispositions. Final NCR dispositions shall be approved by the Owner's Architect/Engineer.
- 6.2.3 The Cognizant Project Engineer shall assure that all corrective action dispositions are adequate and complete, with necessary references and information required to thoroughly describe all action necessary to implement the corrective action. Upon completion of Section II, he shall return the NCR to the Quality Assurance Records Clerk for typing.
- 6.2.4 The Cognizant Quality Assurance Engineer shall review and concur with the recommended NCR corrective action disposition assuring that inspection acceptance criteria and required references are adequately defined. Concurrence shall be designated by initials and date being affixed above Block #12 on the NCR form after the recommended disposition has been typed.
- 6.2.5 Upon concurrence with the NCR disposition, the Quality Assurance Engineer shall return the manifold to the Quality Assurance Records Clerk who shall enter the "Date to Ebasco for Disposition" in the NCR Log, prepare a document transmittal, and hand carry the NCR manifold to the Ebasco Quality Assurance Site Supervisor's office for final disposition action within Ebasco, and make the second internal distribution per Figure 4.



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6.3 Part III: Corrective Action/Closure Phase

- 6.3.1 Corrective Action/Closure will be initiated with receipt of the NCR Yellow and Pink copies.
- 6.3.2 Upon receipt of the above items, the Quality Assurance Records Clerk will enter "Date of Final Disposition" in the NCR Log, attach a copy of the Nonconformance Report Closure Verification Form (Figure 5), to the NCR copies, forward to the Quality Verification Supervisor and make the third internal distribution per Figure 4.
- 6.3.3 Upon receipt of final disposition, the Quality Verification Supervisor shall coordinate with the Area Superintendent as required to accomplish the specified corrective action.
- 6.3.4 The Area Superintendent shall initiate the corrective action designated and notify the Quality Verification Supervisor before corrective action begins.
- 6.3.5 The Quality Verification Inspector shall inspect the item in accordance with the corrective action disposition and upon completion of the work, complete the Closure Verification Form.
- 6.3.5.1 ACCEPTABLE ITEMS: The Quality Verification Inspector shall: complete required information on the Closure Verification Report, sign and date it, indicate acceptance and remove the Reject Tag from the item.
- 6.3.5.2 UNACCEPTABLE ITEMS: The Quality Verification Inspector shall note that the corrective action was not acceptable, sign, and date the Closure Verification Report, initiate a new NCR against rejected item and reference the NCR number in the appropriate space and repeat Paragraphs 6.1, 6.2, and 6.3.

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6.3.6 Forward the yellow and pink copies of the NCR and the completed Closure Verification Report to the Quality Assurance Records Clerk who shall:

6.3.6.1 Record the "Date Closed by Quality Verification" in the NCR Log, file the yellow copy of the NCR and a copy of the Closure Verification Report in the "Completed NCR" file. The pink copy and the original Closure Verification Report is to be transmitted to the Ebasco Quality Assurance Site Supervisor's office.

7.0 QUALITY ASSURANCE

Quality Assurance, as part of their monthly Project Quality Assurance Program Progress Report, shall issue an NCR Summary Status Report.

8.0 RECORDS AND REPORTS

8.1 Completed yellow copies of all NCRs and associated documents.

8.2 Nonconformance Report Log.

QUALITY ASSURANCE
NONCONFORMANCE REPORT

White = PQAE or Site QA Supervisor

Yellow = Organization recommending disposition

Pink = Initiator of NCR

REPORT NO. (1) _____

INSTRUCTIONS: (See back of form)

CLIENT OR PROJECT (2) _____

DRAWING NO./SPEC NO. (3) _____

SUPPLIER, CONSTRUCTION QC OR CONTRACTOR (4) _____

P.O. NO. (5) _____

DESCRIPTION OF COMPONENT, PART OR SYSTEM (6) _____

I. DESCRIPTION OF NONCONFORMANCE (7) (Items Involved, Specification, Code or Standard to Which Items Do Not Comply, Submit Sketch if Applicable)

NAME AND SIGNATURE OF PERSON REPORTING NONCONFORMANCE (8) _____

TITLE/COMPANY _____

DATE (9) _____

II. RECOMMENDED DISPOSITION (10) (Submit Sketch if Applicable)

NAME AND SIGNATURE OF PERSON RECOMMENDING DISPOSITION (11) _____

TITLE/COMPANY _____

DATE (12) _____

III. EVALUATION OF DISPOSITION BY EBASCO, REASON FOR DISPOSITION (13)

IV. CORRECTIVE ACTION (14) ☐ Required ☐ Not Required

<input checked="" type="checkbox"/> V(15) <input type="checkbox"/> ENGINEERING	<input type="checkbox"/> QUALITY ASSURANCE	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> OTHER _____
NAME (SIGNATURE) _____	NAME (SIGNATURE) _____	NAME (SIGNATURE) _____	NAME (SIGNATURE) _____
DATE _____	DATE _____	DATE _____	DATE _____
<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED	<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED	<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED	<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
<input type="checkbox"/> ACCEPTED WITH COMMENTS	<input type="checkbox"/> ACCEPTED WITH COMMENTS	<input type="checkbox"/> ACCEPTED WITH COMMENTS	<input type="checkbox"/> ACCEPTED WITH COMMENTS

VL VERIFICATION OF DISPOSITION ☐ REQUIRED ☐ NOT REQUIRED (16)

(17) BY _____ SIGNATURE _____ TITLE _____ DATE _____

EBASCO VERIFICATION OF QA
ENGINEERING

Nonconformance Reporting and
Corrective Action Procedure
POP-N-703

J. A. JONES CONSTRUCTION CO.

REJECTED

NCR TAG No. _____

Item Name: _____

Ident. No. _____

Serial No. _____

Ref. Doc. _____

Rejected By: _____

Inspector

Date

This Tag To Be Removed By --
Q. A. INSPECTOR -- ONLY --

NCR
CORRECTIVE ACTION ACCEPTED

By: _____ Date: _____

Remarks:

This RED TAG is to be securely attached to the
REJECTED ITEM.

Figure 3
PDF-N-703

[illegible]

STANDARD NCR DISTRIBUTION LIST

INITIAL DISTRIBUTION - Reporting Phase

1. Area Supervisor (copy)
2. Q. V. Supervisor (copy)
3. Project Manager (copy)
4. Q. A. Files (copy)
5. Project Engineer (copy)
6. Cognizant Engineer (copy)

SECOND DISTRIBUTION - Dispositioning Phase

- R4
1. Ebasco Site Q. A. Manager (manifold)
 2. Q. A. Files (copy)

THIRD DISTRIBUTION - Corrective Action Phase

1. Project Engineer (copy)
2. Area Supervisor (copy)
3. Q. V. Supervisor (yellow and pink copy with Closure Verification Form)
4. Project Manager (copy)
5. Q. A. Files (copy)
6. Cognizant Engineer (copy)
7. Corporate Q. A. (copy)

CLOSURE PHASE

1. Q. A. Files (yellow copy and copy of Closure Verification Form)
2. Ebasco Q. A. (pink copy and Closure Verification Form)

NONCONFORMANCE REPORT
CLOSURE VERIFICATION

5/24/78

Corrective Action Taken (Use Sketch if Necessary)

FIGURE 5