

SLINE INDUSTRIAL PAINTERS, INC.

JOB NO. 1101

EBASCO SERVICES, INCORPORATED

for

LOUISIANA POWER AND LIGHT

WATERFORD 3

NONCONFORMANCE

AND CORRECTIVE

ACTION

DOCUMENT NUMBER W3-6

REVISION 1

OCTOBER 18, 1983

SLINE INDUSTRIAL PAINTERS INC.  
CONTROLLED DOCUMENT  
COPY 1

Approved by Rick Sline  
Quality Assurance Manager

INFORMATION ONLY

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EBASCO SERVICES INCORPORATED
QUALITY ASSURANCE ENGINEERING
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18.

## 1.0 SCOPE

- 1.1 This document establishes procedures for identifying, controlling, and correcting nonconforming practices and workmanship of Service Level I, Service Level II and Balance of Plant coating work. It also establishes procedures to preclude the reoccurrence of nonconformance.

## 2.0 REFERENCES

- 2.1 The following documents were used as guidelines:

- 2.1.1 10CFR21 "Reporting of Defects and Noncompliance".
- 2.1.2 10CFR50 Appendix B, "Quality Assurance Criteria for Nuclear Power Plants".
- 2.1.3 ANSI N45.2.10-1973, "Quality Assurance Terms and Definitions".
- 2.1.4 ANSI N101.4-1972, "Quality Assurance for Protective Coatings".

## 3.0 DEFINITIONS

- 3.1 Unless otherwise noted, the definitions as given in the above-referenced documents shall apply.

### 3.2 Additional Definitions.

3.2.1 Discrepancy - A deviation from specified requirements (including procedures) that can be readily corrected in accordance with standard approved operating procedures or specifications based on good engineering practice. Discrepancies do not require an elaborate engineering evaluation or disposition for correction. They are deviations from good engineering practice and procedures.

3.2.2 Nonconformance - 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.

- 3.3 Non-controlled issue document - Pertinent information which does not have a record of its distribution kept.

## 4.0 RESPONSIBILITIES

- 4.1 The Quality Control Inspector(s) shall report to the Site Quality Control Manager all known deviations.

4.2 The Site Quality Control Manager shall document all known deviations, and coordinate and sign them off.

4.3 The Quality Assurance Manager shall be responsible for notifications as required by 10CFR21.

## 5.0 PROCEDURE

5.1 A deviation in procedure, documentation or specified practice shall be immediately reported to the Quality Control Supervisor.

5.1.1 Anyone may report a suspected deviation to the Site Quality Control Manager.

5.1.2 The Site Quality Control Manager shall see that a "Discrepancy Report", Form SQA1-6-1 is initiated for each deviation and complete item I.

5.1.3 The recommended disposition may be by the Quality Assurance Manager, Quality Assurance Engineer, Site Quality Control Manager, Production Superintendent, Project Manager, Engineer's Contract Administrator, etc., as appropriate.

5.1.4 The status of the Discrepancy Report shall be appropriately logged on the "Discrepancy Report Status Log", Form SQA1-6-4 by the Site Quality Control Manager.

5.1.5 If the Site Quality Control Manager determines that the item should be handled as a nonconformance, he shall so indicate on the Discrepancy Report and follow the procedure for a nonconformance as outlined below.

5.1.6 The actual disposition of discrepancies and nonconformances shall be made by the organization responsible for the activity required by the disposition.

5.2 For discrepancies which are not nonconformances, the following procedures <1> shall be followed.

5.2.1 The Discrepancy Report is forwarded to the individual indicated for recommending disposition and returned to the Site QC Manager within 20 working days.

5.2.2 If the disposition was recommended by someone other than the Quality Assurance Manager, Quality Assurance Engineer, or Quality Site Control Manager, either of the latter shall sign the approval portion of the Recommended Disposition when they are in agreement with the recommended disposition. (The disposition shall be discussed with the individual recommending disposition and the matter resolved if there is disagreement).



- 5.2.3 The Site Quality Control Manager shall see that the appropriate individual or group is notified of the action required to dispose of the Discrepancy Report.
- 5.2.4 The actual disposition shall be completed within 20 working days; requests for extensions of time shall be made to the Site QC Manager or the QA Manager (either of whom may grant such extensions).
- 5.2.5 The Site Quality Control Manager shall see that the actual disposition is recorded, and the appropriate reinspection is conducted and recorded.
- 5.2.6 A copy of the Discrepancy Report shall be forwarded to the  
<1> Engineers's Civil Construction Engineer for review.
- 5.3 If the discrepancy is a nonconformance, in the Site Quality Control  
<1> Manager's, Quality Assurance Manager's or Quality Assurance Engineer's judgement, the following shall be done:
  - 5.3.1 The Site Quality Control Manager shall see that the Nonconformance Report, Form SQA1-6-2, is completed through Item I.
  - 5.3.2 The form is then forwarded to the appropriate individual for recommending disposition and returned to the Site Quality Control Manager within 20 working days.
  - 5.3.3 If the disposition was recommended by someone other than the  
<1> Quality Assurance Manager, Quality Assurance Engineer, or Site Quality Control Supervisor, either of the latter shall initial the Recommended Disposition.
  - 5.3.4 The form is forwarded to the Engineer's Quality Assurance for obtaining the Engineer's Evaluation; the form shall be returned to the Site Quality Control Manager.
  - 5.3.5 The Site Quality Control Manager shall then reference the Nonconformance Report on the Discrepancy Report and close out the DR.
  - 5.3.6 The Nonconformance shall be disposed within 20 working days of the report's return to the Site QC Manager with the Engineer's evaluation. Should an extension of time be required, the Site Quality Control Manager shall see that a written request is submitted to the Engineer's site QA Supervisor.
  - 5.3.7 When the nonconformance has been disposed, the Site Quality Control Manager shall see that appropriate reinspection is conducted and documented, as required.
  - 5.3.8 The status of the nonconformance shall be logged by the Site Quality Control Manager as appropriate during the above steps on the "Nonconformance Report Status Log", Form SQA1-6-6.

5.3.9 Sline Nonconformance Reports shall be numbered sequentially with a "S" prefix.

5.4 Corrective Action:

5.4.1 A Corrective Action Report shall be issued when action beyond that indicated in the Discrepancy Report and/or Nonconformance Report is needed to correct conditions which adversely effect quality such as failure, deficiencies, deviations, defective material and nonconformances. This may include any condition which cannot be corrected by proper coating procedure or application practice.

5.4.1.1 Corrective Action Reports may be generated as a result of reviews of Discrepancy, Nonconformance, and Audit Reports. They may also be generated without a Discrepancy, Nonconformance, or audit.

5.4.1.2 Corrective Action Reports shall include information to assure that the cause of the condition is identified and that appropriate measures are taken to preclude repetition.

5.4.2 The Quality Assurance Manager, Quality Assurance Engineer, or Site  
<1> Quality Control Manager shall initiate a "Corrective Action Report", Form SQA1-6-3, by completing Item I.

5.4.3 The Site Quality Control Manager shall forward the corrective Action Report to the responsible individual or group for recommended disposition.

5.4.4 The corrective action recommended disposition shall be completed within 10 working days and the form returned to the Site Quality Control Manager.

5.4.5 If the disposition was recommended by someone other than the Quality Assurance Manager, Quality Assurance Engineer or Site  
<1> Quality Control Manager, either of the latter shall sign the approval portion of the Recommended Disposition when they are in agreement with the recommended disposition. (The disposition when they are in agreement. (The disposition shall be discussed with the individual recommending disposition and the matter resolved if there is disagreement.)

5.4.6 The Site Quality Control Manager shall see that the appropriate individual or group is notified of the action required to dispose of the Corrective Action.

5.4.7 The disposition shall be completed within 10 working days; requests for extensions of time shall be made to the Site QC Manager or the Quality Assurance Manager (either of whom may grant such extensions).

- 5.4.8 The Site Quality Control Manager shall see that the actual disposition is recorded, and any necessary reinspection is conducted and recorded.

## 5.5 Stop Work.

- <1> 5.5.1 The Quality Assurance Manager, Quality Assurance Engineer, Site Quality Control Manager, Quality Control Supervisors, and QC Senior Inspectors shall have the authority to stop work if continuation could reasonably be expected to result in questionable or unacceptable results.

- 5.5.2 The Quality Control Supervisor may authorize a Quality Control Inspector with stop work authority, such authorization shall be documented with copies maintained at the jobsite and home offices.

- 5.5.3 A "Stop Work Order", Form SQA1-6-5, shall be issued each time work is stopped. Only individuals with Stop Work Authority may remove a Stop Work Order.

- 5.5.3.1 A Stop Work Order becomes effective when Sline's Quality Control notifies Sline's Production of the Order. The Stop Work form shall be initiated by Quality Control as soon thereafter as practical.

- 5.5.3.2 The Quality Control individual with Stop Work Authority shall fill out the Stop Work Order through the line beginning "Imposed by".

- 5.5.3.3 The production foreman responsible for the work which stopped (or one of his supervisors) shall sign the form.

- 5.5.3.4 Copies of the form at this point shall be forwarded to the Engineer, the Project Manager, and the Site Production Superintendent.

- 5.5.3.5 When the circumstances responsible for generating the Stop Work Order have been resolved, the remainder of the form shall be completed and signed.

- 5.5.3.6 Distribution of copies of the completed form shall be the Engineer, the Project Manager, the Quality Assurance Manager, and the Site Production Superintendent.

## 5.6 Status Tagging



5.6.1 "Hold" tags, stickers or signs shall be used where practical indicate work for which a Nonconformance Report, Discrepancy Report, or  
<1> Stop Work Order has been issued. Inaccessible areas, generic (i.e., wide spread) problems, paperwork deficiencies, and similar types of problems need not be tagged due to impracticality.

5.6.2 "Acceptance" tags, stickers or signs shall be used where practical to indicate acceptable work (which has had an "Acceptable Record", Form SQA1-5-2 issued).

5.6.3 Only individuals authorized for Quality Control Inspector functions may place tags. Removal of tags shall be under such an individual's supervision.

5.6.4 Placement and removal of numbered tags shall be appropriately recorded on the tag log form (Form Number SQA1-6-10 or SQA1-6-11).

5.6.5 Tags shall be as shown on Forms SQA1-6-8 and SQA1-6-9 or other suitable equivalents.

#### 5.7 Reportable Nonconformances.

5.7.1 The Quality Assurance Manager shall determine if a nonconformance is reportable under either 10CFR21 or 10CFR50.55e.

5.7.1.1 Nonconformance which are scheduled to be adequately corrected or for which minor repair or rework can be done are not normally reportable.

5.7.1.2 Nonconformances which relate to major breakdowns in the Quality Program, or circumstances requiring extensive repairs or rework particularly of in-place items, are normally reportable.

5.7.2 When the Quality Assurance Manager becomes aware of a reportable nonconformance, he shall immediately notify the Engineer and the President using the "Reportable Nonconformance", Form SQA1-6-12.

5.7.3 The Quality Assurance Manager shall be responsible for coordinating with the Engineer on the issue of NRC notification.

5.8 Copies of Discrepancy Reports, Nonconformance Reports, Corrective Action  
<1> Reports, and Stop Work Orders shall be forwarded to the Quality Assurance Manager, Project Superintendent and Project Manager when (a) initially generated and (b) closed out. Only the closed out copy need be forwarded if it's closed before the initially generated form is forwarded.

5.9 The above documents may be inspected at the jobsite by the Engineer or his authorized representative at mutually convenient times.

5.10 The "Quality Assurance Records Review Deficiency Report," Form SQA1-6-13 shall be used to note any deficiencies in records reviewed for turnover  
<1> to the Engineer. A "Discrepancy Report," Form SQA1-6-1 shall be generated as appropriate to document and disposition such deficiencies.

## 6.0 ATTACHMENTS

- 6.1 Discrepancy Report Form SQA1-6-1 (4-18-80).
- 6.2 Nonconformance Report, Form SQA1-6-2 (4-15-80).
- 6.3 Corrective Action Report, Form SQA1-6-3 (4-18-80).
- 6.4 Discrepancy Report Status Log, Form SQA1-6-4 (4-18-80).
- 6.5 Stop Work Order, Form SQA1-6-5 (4-18-80).
- 6.6 Nonconformance Report Status Log, Form SQA1-6-6 (4-18-80).
- 6.7 Corrective Action Report Status Log, Form SQA1-6-7 (4-18-80).
- 6.8 Hold Tag, Form SQA1-6-8 (12-3-80).
- 6.9 Acceptance Tag, Form SQA1-6-9 (12-3-80).
- 6.10 Hold Tag Log, Form SQA1-6-10 (12-3-80).
- 6.11 Acceptance Tag Log, Form SQA1-6-11 (12-3-80).
- 6.12 Reportable Nonconformance, Form SQA1-6-12 (4-18-80).
- 6.13 Quality Assurance Records Review Deficiency Report,  
Form SQA1-6-13 (6-1-83).



Sline Industrial Painters, Inc.

DISCREPANCY REPORT

Date \_\_\_\_\_

Report #DR \_\_\_\_\_

I. Discrepancy Description (include location): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This item to be handled as; NCR# \_\_\_\_\_ NCR not indicated \_\_\_\_\_

Disposition to be recommended by \_\_\_\_\_

QA Supervisor \_\_\_\_\_ Date \_\_\_\_\_

II. Recommended Disposition: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The above to be carried out by \_\_\_\_\_

Recommended By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

QA/QC Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

III. Actual Disposition \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded By: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

IV. Results of reinspection: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

V. Reported to Engineer by: \_\_\_\_\_ Date \_\_\_\_\_

Corrective Action Report # (if any) \_\_\_\_\_

SQA1-6-2  
4-15-80

DOC W3-6 PG10  
Rev. 1

QUALITY ASSURANCE  
NONCONFORMANCE REPORT

REPORT NO. (1) \_\_\_\_\_

White - PQAE or Site QA Supervisor  
Yellow - Organization recommending disposition  
Pink - Initiator of NCR

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

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

VI. VERIFICATION OF DISPOSITION ☐ REQUIRED ☐ NOT REQUIRED (16)

(17) BY \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CRASSED VENDOR QA OR QA  
ENGINEERING

Sline Industrial Painters, Inc.

CORRECTIVE ACTION REPORT

Date \_\_\_\_\_

Report #CAR \_\_\_\_\_

I. Corrective Action Description (include location): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Corrective Action to be recommended by \_\_\_\_\_

QA Supervisor \_\_\_\_\_ Date \_\_\_\_\_

II. Recommended Corrective Action : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The above to be carried out by \_\_\_\_\_

Recommended by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

QA/QC Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

III. Actual Corrective Action \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by : \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

IV. Results of reinspection: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Recorded by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

V. Reported to Engineer by \_\_\_\_\_ Date \_\_\_\_\_

Corrective Action Report # (if any) \_\_\_\_\_



4/18/80

Sline Industrial Painters, Inc.

## DISCREPANCY REPORT STATUS LOG

[illegible]

SQAL-6-5  
4/16/80

Rev. 1

STOP WORK ORDER

Date \_\_\_\_\_ Time \_\_\_\_\_ Stop Work Order # \_\_\_\_\_

Location and Affected Items \_\_\_\_\_

Description of problem \_\_\_\_\_

Action indicated for correction \_\_\_\_\_

Imposed By: \_\_\_\_\_ Title \_\_\_\_\_

Production Foreman \_\_\_\_\_

Removal of Stop Work Order

Reason : \_\_\_\_\_

By: \_\_\_\_\_ Title: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Production Foreman \_\_\_\_\_

IR# generated (if any) \_\_\_\_\_

Sline Industrial Painters, Inc.

[illegible]



SQA1-6-7  
4/19/80

Sline Industrial Painters, Inc.

CORRECTIVE ACTION REPORT STATUS LOG

[illegible]

**Sline Industrial Painters, Inc.**  
**Q C HOLD**

Tag No. \_\_\_\_\_ Date \_\_\_\_\_  
QC Inspector \_\_\_\_\_  
Reason \_\_\_\_\_

SQA1-6-8  
12-3-80

**Sline Industrial Painters, Inc.**  
**Q C ACCEPTANCE**

Tag No. \_\_\_\_\_ Date \_\_\_\_\_  
QC Inspector \_\_\_\_\_

SQA1-6-9  
12-3-80

SQA1-6-10  
12-3-80

DOC W3-6 PG17  
Rev.1

SLINE INDUSTRIAL PAINTERS, INC.  
HOLD TAG LOG

[illegible]



SQA1-6-11  
12-3-80

SLINE INDUSTRIAL PAINTERS, INC.  
ACCEPTANCE TAG LOG

DOC W3-6 PG18  
Rev. 1

[illegible]

### REPORTABLE NONCONFORMANCE

Project

Date \_\_\_\_\_

Time

DR #

NCR 4

### Description of Nonconformance

**Quality Assurance Manager**

NRC Notification By

Date \_\_\_\_\_

Remarks

Distribution: Engineer  
President  
Site QC

## QUALITY ASSURANCE RECORDS REVIEW DEFICIENCY REPORT

(Reference: DOC W3-3, DOC W3-6)

Sheet of

DR.

### Activity

Applicable Procedure  
These Documents

Document Number

Reason for Rejection

I

C

viewer:

Date:

D - Denotes Documentation

C - Denotes Costing