



STONE & WEBSTER ENGINEERING CORPORATION
QUALITY ASSURANCE DEPARTMENT

QUALITY

ASSURANCE

PROGRAM

MILLSTONE NUCLEAR POWER STATION - UNIT 3

TITLE: IDENTIFICATION AND CONTROL OF MATERIALS, PARTS, AND COMPONENTS	NUMBER: SECTION 8
	REVISION: E
	EFFECTIVE DATE: 12/20/84

APPROVALS

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 SUPERINTENDENT OF CONSTRUCTION SERVICES

NOTED 12/27/1984
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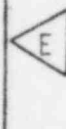
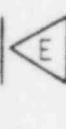

C. C. C.

 PROJECT MANAGER

SECTION 8

IDENTIFICATION AND CONTROL OF MATERIALS, PARTS, AND COMPONENTS

1.0 REQUIREMENTS

- 1.1 Identification and control measures shall be established as necessary to prevent the uncontrolled use of nonconforming materials, parts, and components, including partially fabricated assemblies.
- 1.2 Identification and control of material, parts, and components which are to meet the requirements of ASME Section III shall be accomplished during field fabrication and erection in accordance with applicable procedures. 
- 1.3 QA Category I materials, parts, and components shall be identified by heat number, serial number, part number, or other appropriate means. The identification may be on the item (physical markings are preferred) or on records directly and readily traceable to the item.
 - 1.3.1 The type of identification shall be established by specifications, drawings, instructions, or procedures.
 - 1.3.2 Traceability to records which will verify conformance of the materials, parts, and components to specified requirements (e.g., chemical and physical properties, tests, inspections, etc.) shall be provided from initial receipt of materials to installation and use or up to confirmatory testing and acceptance by FQC during receipt inspection, if applicable. For consumable materials (e.g., Cadweld powder), traceability requirements shall be met by documentation which indicates that only acceptable materials have been used unless requirements of codes and standards dictate otherwise. 
- 1.4 QA Category II and QA Category III materials, parts, and components shall be identified by type and status or as required by the specifications. 

2.0 TASKS

- 2.1 Project Engineering shall establish requirements for the identification of materials, parts, and components in applicable drawings, specifications, instructions, and procedures.
- 2.2 PQAD shall perform tasks at Seller's facilities relative to the identification and control of materials, parts, and components in accordance with the procurement documents.
- 2.3 Field Quality Control Division shall:
 - 2.3.1 Verify, during receiving inspection, that materials, parts, and components are properly identified and when applicable, traceable to supporting documentation.
 - 2.3.2 Ensure that the required identification and traceability of materials, parts, and components is maintained from receipt through completion of construction.
- 2.4 Construction Department
 - 2.4.1 Construction shall assign unique identification symbols required in the specification.
 - 2.4.2 Construction shall mark the identification symbols on items at receipt, and transfer these markings when items are cut or physically altered.

3.0 DISCUSSION

None

4.0 CLIENT CONSIDERATIONS

- 4.1 Section 8 to SWSQAP 1-74A, Revision D, is adopted for the Millstone Unit 3 Project and published in this section.
- 4.2 All QA Category I main structural members (i.e., columns, baseplates, bracing, trusses, girts, bolts larger than 1 in. in diameter) are traceable to a specific heat number. Traceability to a specific heat

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number for loose and random metal products (i.e., clip angles, seats, stiffeners, gusset plates, bolts 1 in. in diameter and smaller, and weld filler metal) is confirmed in the supplier's shop or upon receipt at the site. The storage and issuance of these materials for construction is then controlled in accordance with project procedures which assure only those items procured as QA Category I are installed in QA Category I applications.

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