

EVALUATION RESEARCH CORPORATION

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CONTROL NO. OF-001

COMANCHE PEAK RESPONSE TEAM

QUALITY INSTRUCTION FOR SPECIFIC ACTION PLAN VII.c

INSTRUCTION NO: QI-033

REVISION: 1

ISSUE DATE: 03/07/86

REINSPECTION OF FUEL BUILDING FUEL POOL LINERS

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## 1.0 PURPOSE

This instruction provides the methods and accept/reject criteria for the performance of a reinspection of the Fuel Building Fuel Pool Liners.

## 2.0 APPLICABILITY

This Quality Instruction applies the requirement of Action Plan VII.c to the fuel building fuel pool liners. It applies to the sample selected from the Category I liner population in Units 1, 2 and Common which has been QC accepted.

## 3.0 REFERENCES

- 3.1 Memorandum (QA/QC-RT-292), to A. A. Patterson, providing basis for inspection requirements including specific sources for attributes and exclusions.
- 3.2 CPP-009, "Performance of Reinspections and Documentation Reviews."

## 4.0 GENERAL

Reinspections are performed and documented in accordance with established CPRT instructions. This instruction establishes the attributes and accept/reject criteria for the reinspection of the fuel building fuel pool liners. Reference 3.2 addresses the method to perform and document the reinspection.

### 4.1 Responsibilities

#### 4.1.1 QA/QC Discipline Engineers

The QA/QC Discipline Engineers prepare the Quality Instruction and the Reinspection checklist.

#### 4.1.2 QA/QC Inspectors

The QA/QC Inspectors perform reinspection/verification in accordance with this inspection procedure and record results and deviation.

### 4.2 Policy

Activities performed under this procedure shall conform to the policies contained in the latest Comanche Peak Response Team Program Plan and Issue-Specific Action Plan VII.c.

## 5.0 INSTRUCTION

Using the information below, perform the reinspection on the items listed in this population and document the results on the checklist (Attachment 6.1):

### 1. Weld Surface Reinspection

The sample weld shall be reinspected to verify:

- a) Deleted.
- b) that the surface is free of any irregularities such as serrations, ridges, crevices, or pinholes which do not exceed 1/32" in depth.
- c) that the base material of the liners within two (2) feet on either side of the weld seam, and the weld have no rust colored corrosion product build-up which may be linear or localized. Thin films of surface rust are acceptable.

NOTE: The <sup>AMP</sup>Materials Engineer will be available in the evaluation of base material rust acceptability.

The inspector shall use the following as guidelines in documenting his/her inspection:

- ° If the weld surface is free of any irregularities, as shown in a above, the checklist shall be marked accept. If the surface contains irregularities, the checklist shall be marked reject and shall be identified in a deviation report.
- ° If the vicinity of weld seam and welds are found free of rust colored corrosion product build-up, the checklist item 1.b shall be marked accept. If the surface indicates rust colored corrosion build-up the checklist shall be marked reject and it shall be identified in a deviation report.

## 6.0 ATTACHMENT

### 6.1 Checklist

## CHECKLIST

COMANCHE PEAK RESPONSE TEAM CHECKLIST				
POPULATION DESC Reinspection of Fuel Bldg. Fuel Pool Liners		VERIFICATION PKG NO.		PAGE 1 OF <u>1</u>
QUALITY INSTRUCTION QI-033		<input checked="" type="checkbox"/> REINSPECTION		<input type="checkbox"/> UNIT 1
EQUIPMENT MARK/TAG NO.		<input type="checkbox"/> DOCUMENTATION REVIEW		<input type="checkbox"/> UNIT 2
				<input type="checkbox"/> COMMON
ATTRIBUTE	VERIFICATION			REMARKS
	ACCEPT	REJECT	DATE	
1. Weld Surface Reinspection				
a. (Not Required)				
b. Weld surface free of irregularities such as serrations, ridges, crevices, pinholes				
c. Surface is free of rust/corrosion				
PREPARED BY:			APPROVED BY:	
DISCIPLINE ENGR. _____ DATE _____			LEAD DISCIPLINE ENGR. _____ DATE _____	
INSPECTED BY:			APPROVED BY:	
INSPECTOR _____ DATE _____			LEAD INSPECTOR _____ DATE _____	