

# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## NONCONFORMANCE REPORT

Project No. 20.06002.01.322

NCR No. 2005-20

### PART 1: DESCRIPTION OF NONCONFORMANCE:

Alloy 22 plate welded by Offenhauser Company was inspected using radiographic testing and found to have several areas of lack of fusion.

Initiated by: Darrell S. Dunn

Date: 5/12/2005

### PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

#### Disposition:

No tests specimens were produced using material from this plate. The plate will be retained for possible future investigations such as examination of weld defects. Areas of the weld containing lack of fusion are identified.

#### Basis of Disposition:

The welded material was intended to be used for mechanical tests and stress corrosion cracking tests. These tests require welds that do not contain unacceptable indications. The plate welded by Offenhauser Company is not acceptable for these tests. The plate may be useful for investigations of weld defects.

#### Action to Correct Nonconformance:

Welded plates produced by Offenhauser Company were not used in any mechanical property or stress corrosion cracking tests. No additional plates have been welded by Offenhauser Company. Closeout of welding activities conducted by Offenhauser Company is documented in Notebook 579 page 59. The affected plate is appropriately identified as to its status.

Target date for completion: 5/20/2005

Proposed by: Darrell S. Dunn

Date: 5/12/2005

### PART 3: APPROVAL

Element Manager: [Signature]

Date: 5/12/2005

Director of QA: [Signature]

Date: 5/12/05

Comments/Instructions:

### PART 4: CLOSE OUT

Comments: No additional action is necessary

#### Distribution:

DDunn  
V. Jain  
S. Mohanty  
QA/Records

Verified by: [Signature]

Date: 6/7/05