

50-346

CONDITION REPORT						CR Number		
TITLE: CRACK INDICATION IN J-GROOVE WELD OF OLD CRDM NOZZLE 3						02-05536		
O R I G I N A T I O N	DISCOVERY DATE	TIME	EVENT DATE	TIME	SYSTEM / ASSET#			
	9/5/2002	13.00	9/5/02	N/A	062-01 N/A			
	EQUIPMENT DESCRIPTION Retired Control Rod Drive Nozzle #3							
	DESCRIPTION OF CONDITION and PROBABLE CAUSE (if known) Summarize any attachments. Identify what, when, where, why, how.							
	<p>A lab report for the old Reactor head nozzle 3 weld sample was received from Framatome with a circumferential J-groove weld crack indication. The indication is located approximately 3/4" radially from the penetration bore over approximately a 45 degree span on the cladding side (RCS side), slightly offset from the centerline of the nozzle 3 corrosion cavity. It was revealed with fluorescent penetrant testing. (Many small cracks appear to be linked to comprise the total 45 degree arc.) Conversation with Framatome indicated that the indication probably does not extend through the weld, and thus would NOT have contributed to RCS pressure boundary leakage already reported for this nozzle under CR 02-00891. This indication is consistent with crack formation due to PWSCC.</p>							
P L A N T O P E R A T I O N S	SUPV COMMENTS / IMMEDIATE ACTIONS TAKEN (Discuss CORRECTIVE ACTIONS completed, basis for closure.)							
	<p>Although this nozzle is no longer associated with installed plant equipment and therefore has no operability impact, it has significance for failure statistics, potential use as a qualification sample for NDE, and/or research. It may also be necessary to revise documentation pertaining to the number of crack indications found during 13RFO. It is believed that this weld area was dye penetrant tested under Work Order 02-001917-000, step 13, while on site. This CR should determine whether this test was actually performed and if so, why it did not detect the crack indication.</p>							
	QUALITY ORGANIZATION USE ONLY		IDENTIFIED BY (Check one)		ATTACHMENTS			
	Quality Org Initiated <input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Individual/Work Group	<input type="checkbox"/> Supervision/Management	<input type="checkbox"/> Self-Revealed	<input type="checkbox"/> Internal Oversight	<input type="checkbox"/> External Oversight	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Quality Org Follow-up <input type="checkbox"/> Yes <input type="checkbox"/> No							
ORIGINATOR		ORGANIZATION	DATE	SUPERVISOR	DATE	PHONE EXT.		
LANG, T		LCM	9/5/2002	LANG, T	9/5/2002	8116		
P L A N T O P E R A T I O N S	SRO REVIEW	EQUIPMENT OPERABLE	EVALUATION REQUIRED	IMMEDIATE INVESTIGATION REQUIRED	ORGANIZATION NOTIFIED	MODE CHANGE RESTRAINT		
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	MODE	ASSOCIATED TECH SPEC NUMBER(S)		ASSOCIATED LCO ACTION STATEMENT(S)				
				#1				
				#2				
				#3				
	DECLARED INOPERABLE (Date / Time)		REPORTABLE?	One Hour N/A		APPLICABLE UNIT(S)		
	N/A		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Four Hour N/A		<input checked="" type="checkbox"/> U1 <input type="checkbox"/> U2 <input type="checkbox"/> Both		
			<input type="checkbox"/> Eval Required	Other N/A				
	COMMENTS							
<p>This is no longer plant equipment. CR erroneously marked as Subsystem 062-01 which automatically slated it for SRO Review with no Option to change. No SRO Review is required.</p>								
Current Mode - Unit 1		Power Level - Unit 1	Current Mode - Unit 2		Power Level - Unit 2			
DEF		0						
SRO - UNIT 1			SRO - UNIT 2			DATE		
Person, J						9/7/2002		

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