

NOP-LP-2001-01

CONDITION REPORT

CR Number 02-03668

TITLE: REACTOR COOLANT PUMP CASING-TO-COVER JOINT LEAKAGE

DISCOVERY DATE 8/3/2002 EVENT DATE 8/3/2002

SYSTEM / ASSET#064 P36-1, P36-2, P36-3, P36-4EQUIPMENT DESCRIPTION Reactor Coolant Pumps 1-1, 1-2, 2-1, and 2-2

DESCRIPTION OF CONDITION and PROBABLE CAUSE (if known) Summarize any attachments. Identify what, when, where, why, how.

The following deficiency has been identified as part of the System Assessment portion (Latent Issue Review of Reactor Coolant System) of the Building Block Review and requires consideration for the need to be completed prior to restart. In accordance with the Latent Issues Review (LIR) Process, IP-A-OO3 Revision 3, Section 5.1.4(b) "All external system leaks are to be evaluated."

The LIR of the RCS has identified that a history of persistent leakage exists at the casing-to-cover joint for Reactor Coolant Pumps (RCP) 1-1, 1-2, 2-1, and 2-2.

This condition was first identified in 1996 (10RFO) where leakage was observed to have occurred past the outer gasket on RCP's 1-1 and 1-2. During 11 RFO inner gasket leakage was documented for all four pumps by procedure OP-O6900. Inner gasket leakage was again observed in 12RFO at three of the pump locations; additionally boric, acid was identified past the outer gasket on RCP 1-1. During 13RFO inner gasket leakage was observed on two pumps. Testing of the other two pumps was not performed.

Failure to adequately address this chronic leakage issue in a timely manner is contrary to FENOC Engineering Principles and Expectations # 3

SUPV COMMENTS /IMMEDIATE ACTIONS TAKEN (Discuss CORRECTIVE ACTIONS completed, basis for closure.)
N/A

QUALITY ORGANIZATION USE ONLY IDENTIFIED BY (Check one)	D
Quality argo Initiated DYes	D Individual Work Group
Quality argo Follow-up DYes	D Supervision/Management <u>D</u>

ORIGINATOR	ORGANIZATION	DATE	SUPERVISOR
ROE, S	PE	8/3/2002	