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| FirstEnergy | <h2 style="margin: 0;">ENGINEERING CHANGE REQUEST</h2> <p style="margin: 0; font-size: small;">NOP-CC-2003-01 Rev. 01</p> | <div style="font-size: x-small;">Page 1 of 3</div> <div style="font-size: x-small;">ECR No. 02-805-00</div> |
| <input type="checkbox"/> BV1 | <input type="checkbox"/> BV2 | <input checked="" type="checkbox"/> DB |
| INITIATION | | |
| <p>Statement of Problem</p> <p>While disassembled for maintenance, RCPs P36-1 and P36-2 were discovered to have a previously undocumented recessed machine surface on the pump case. This machined surface was most likely cut during the original machining operation of the pump case. A review of the Byron Jackson fabrication records has been unable to confirm this.</p> <p>The additional machined recess requires that the pump cover outside diameter be smaller than the outside diameter of the machined recess on the case. The measured diameter of both pump covers is 49.50 inches. P36-1 case recess outside diameter measures 49.34 inches and P36-2 measures 49.50 inches.</p> <p>This dimensional stack-up will lead to an improper fit on the P36-1 pump and a potential for an improper fit on P36-2, which could cause inadequate gasket compression and eventual joint leakage.</p> | | |
| <p>Proposed Change (Description, Purpose, Scope)</p> <p>Enlarge Reactor Coolant Pump 1-1 and 1-2 covers' existing (0.015 inch x 45 degree) chamfer to 0.10 inch x 45 degree to ensure proper cover to case fit per the vendor (FlowServe) recommendations.</p> <p>This will ensure proper fit between the pump cover and case (i.e metal to metal joint design).</p> | | |
| System/Asset Numbers 064-03 | | Initiating Document CR 02-09674 |
| Initiator (Print Name & Sign) Steve Roe | Phone 2455 | Date 11/27/02 |
| Initiator's Supervisor (Print Name & Sign) James Marley | | Date 11/27/02 |
| ENGINEERING REVIEW | | |
| <input checked="" type="checkbox"/> ACCEPTED | | |
| <input type="checkbox"/> REJECTED (Provide Justification) | | |
| <input type="checkbox"/> ADMINISTRATIVE DOCUMENT-ONLY CHANGE (Attach sheets as necessary) | | |
| <input checked="" type="checkbox"/> INFORMAL CHANGE (Provide direction or attach sheets as necessary) <div style="float: right; text-align: right;"> 02-4137-42 Work Order No. 02-4138-28 </div> <p style="font-size: large; font-weight: bold; text-align: center;">SEE INSTALLATION AND TEST REQUIREMENTS SHEETS</p> | | |
| Admin Document-Only or Informal Change Prepared by (Print Name & Sign) T. E. HISS | | Date 11/28/02 |
| <input type="checkbox"/> Commercial Change | <input type="checkbox"/> Document-Only Change <input type="checkbox"/> Equivalent <input type="checkbox"/> Design | <input type="checkbox"/> Equivalent Change <input type="checkbox"/> Design Change |
| Preliminary Cost Estimate <i>N/A</i> | PRC Approval Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | At-Risk Change? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Assigned to: Responsible Engineer T. E. HISS | Project Owner <i>N/A</i> | Initiation Team Leader <i>N/A</i> |
| Engineering Supervisor (Print Name & Sign) A.G. MIGAS | | Date 11/28/02 |
| <input type="checkbox"/> Begin Engineering Change Package prior to PRC approval. (Design Engineering Manager approval required) | Design Engineering Manager (Print Name & Sign) <i>N/A</i> | Date <i>N/A</i> |

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FirstEnergy

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INITIATION TEAM REVIEW

☐ REJECTED (Provide Justification)

☐ APPROVED

Recommended Priority

Recommended Cycle

Estimated Cost

Initiation Team Leader (Print Name & Sign)

Date

BUDGET (Design Changes Only)

(Required if PRC approval is not required)

☐ APPROVED

☐ REJECTED (Provide Justification)

Design Engineering Manager (Print Name & Sign)

Date

☐ APPROVED

☐ REJECTED (Provide Justification)

Maintenance Manager (Print Name & Sign)

Date

PROJECT REVIEW COMMITTEE

Conceptual Design Required ☐ Yes ☐ No

If yes, PRC chairperson (Print Name & Sign)

Date

☐ APPROVED

PRC Chairperson (Print Name & Sign)

Date

☐ REJECTED (Provide Justification)

PRC Chairperson (Print Name & Sign)

Date

Accounting Work Order No.

Cost Code