TeamTrack Reports

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NMC > Sites > Duane Arnold > Corrective Action Process (CAP) Section 1

| Section 1 | | | | | | |
|-------------------------|--|--|---|--|--|--|
| Activity Request Id: | CAP050122 | | | | | |
| Activity Type: | CAP | Submit Date: | 6/1/2007 10:32:49 PM | | | |
| One Line Description: | P-1 check at 75% power exc | P-1 check at 75% power exceeded mismatch limits in 2 of the 5 calculations | | | | |
| Detailed Description: | 6/1/2007 10:32:49 PM - MANKIN, DAVID L: P-1 check required at approximately 75% power per IPOI 3 was unsat. The primary P-1 check had a mismatch value of -99.49%, outside the allowed mismatch range of +2.76% to -12.97%. This was expected due to known problems with AMAG UFM indications for 'A' and 'B' feedwater loop flows. The AMAG UFM values printed out on the P-1 check were both 0.00 Mlb/hr. Refer to CAP048900, CAP049083 and work order A77879. However, what was not expected was that one of the four alternate P-1 check calculations was also outside the allowed mismatch band of +2.76% to -12.97%. The alternate P-1 check calculation using "Unit Gross Heat Rate" determined a mismatch of -17.04%. | | | | | |
| | An electronic copy of the P-1 | 1 check results is attached to this CAP. | | | | |
| | 6/2/2007 12:48:39 AM - MANKIN, DAVID L: The daily P1 check was performed at 0012 hours on 06/02/2007. The primary P1 check (Alt CTP/C179) was -99.68%, outside the allowable mismatch band of between +2.00% to -10.0%. All four alternate P1 check calculations, including the "Unit Gross Heat Rate" P1 check calculation were within the allowed mismatch band. The P1 check as determined by the "Unite Gross Heat Rate" calculation had a mismatch value of +1.20%. | | | | | |
| | A copy of the daily P1 check performed on 6y/2/2007 is attached. | | | | | |
| | 6/2/2007 12:55:33 AM - GORDON, THOMAS H: Unit not "unite" | | | | | |
| | mismatch band of +2.0% and point C179 was 1870 MWth. per STP NS440101. The da Factor being installed, was s check mismatch was calcula | KIN, DAVID L: eck per the alternate method of 'Unit Gross Hea d -10.0%. The calculated mismatch was +2.37% The Feedwater Correction Factor had been ins illy P1 check for 6/3/2007 that was performed wi at as determined by the alternate method of 'Un ted by 'Unit Gross Heat Rate' method was 1.18 t that time, reactor power as determined by corr | %. Reactor power per computer stalled manually the previous day ithout the Feedwater Correction hit Gross Heat Rate'. The P1 %, within the allowed mismatch | | | |
| | Electronic copies of the daily | P1 checks for 6/3/2007 and 6/4/2007 are attac | hed. | | | |
| Initiator: | MANKIN, DAVID L 🍇 | Initiator Department: | DOPS Operations DA 🛛 🖉 | | | |
| Date/Time of Discovery: | 6/1/2007 10:11:34 PM | Date/Time of Occurrence: | 6/1/2007 10:11:34 PM | | | |
| Identified By: | Site-identified | System: | 31.01 DA 🛛 🕊 | | | |
| Equipment # (1st): | (None) | Equipment Name (1st): | (None) | | | |
| Equipment # (2nd): | (None) | Equipment Name (2nd): | (None) | | | |
| Equipment # (3rd): | (None) | Equipment Name (3rd): | (None) | | | |
| Site/Unit: | Duane Arnold | | | | | |
| Why did this occur?: | 6/1/2007 10:32:49 PM - MAN Unknown. | NKIN, DAVID L: | | | | |
| Immediate Action Taken: | 6/1/2007 10:32:49 PM - MAN Discussed P-1 check results Heat Rate" being unsat could written. | NKIN, DAVID L: with RE. No cause for the alternate P-1 check d be determined. P-1 check would be performed | calculation using "Unit Gross d again at 100% power. CAP | | | |
| Recommendations: | 6/1/2007 10:32:49 PM - MANKIN, DAVID L: Have P-1 check results evaluated by Program Engineering and Computer Services. | | | | | |
| SRO Review Required?: | Y | | | | | |

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| Operability Status: | NA | Compensatory Actions: | N | |
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| Basis for Operability: | 6/2/2007 12:55:33 AM - GORDON, THOMAS H: Concern does not adversely affect installed SSC's or their supporting systems. | | | |
| Unplanned TSAC Entry: | N | External Notification: | N | |
| Section 3 | | | | |
| Screened?: | Y | Significance Level: | (None) | |
| INPO OE Regd?: | Ν | Potential MRFF?: | N | |
| @ QA/Nuclear Oversight?: | N | Licensing Review?: | N | |
| Good Catch/Well Doc'd?: | NA | Assigned Department: | (None) | |
| Vendor Repairable Item: | No | | | |

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