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Millstone 3 ERT Issues List for April 17, 2005 Rx Trip and Safety Injection

Issue	Equipment or Administrative	Start up Issue	CR Number	Response
Aux Building Filter hi temp - decision to not declare inoperable or determine problem	Administrative	Y		Interview SM determine thought process he went thru. Should he have considered the Aux building filter inop
Unable to sample A/D S/G for activity, long-term equipment problem. Other long-term equipment problems?	Administrative	Y	Existing CRs (multiple)	Review and prioritize items on hot and cold shutdown list.
Terry Turbine tripped - vibs or overspeed?	Equipment	Y	CR-05-03734	Engineering/Maintenance has the lead.
3CHS*V661 packing leak	Equipment	Y	CR-05-03735	Significant packing leaks need SE help to understand why. SE will assist.
3CHS*MV8511B packing leak	Equipment	Y	CR-05-03735	Significant packing leaks need SE help to understand why. SE will assist.
CCP thermal barrier valve fail closed	Equipment	Y	CR-05-3748/3749	Valve does have lockup solenoid to isolate valve to maintain open on loss of air. Did not work.
S/G safety lifting	Equipment	Y	CR-05-03733	Engineering working out what to do with SG safeties (22B, 22C and 24C)
Pzr safety light indications	Equipment	Y		Need to definitively determine if PZR safeties lifted, and if not, why there was indication on the MCB they did.
Aux Building Filter hi temperature	Equipment	Y		Which filter was running?
Leaking Pressurizer Porv	Equipment	Y		Engineering has the lead.
D MSIV bottom closed light not work	Equipment	Y		MOM behind control boards needs calibration. Maintenance has the lead.
CS02/04 exceeded EEQ temperature limits CS 03 exceeded tech spec limit	Equipment	Y		Engineering to evaluate.
Unable to sample A/D S/G for activity.	Equipment	Y	Existing CRs (multiple)	Inoperable equipment complicates trip and recovery actions. Lead is Engineering,
MSIV Bypass Valves	Equipment	Y	Existing CR (CR-04-04452?)	Inoperable equipment complicates trip and recovery actions. Believe item is on the cold shutdown list.
SSPS A Universal card failure	Equipment	Y	CR-05-03723	AWO M3-05-06296 Troubleshoot and/or replace
Steam Generator Transient	Evaluations	Y	CR-05-03725	Engineering Evaluation of Steam Generator Transient, required by OP3263 step 1.16.1
Evaluation of Snubbers	Evaluations	Y	CR-05-03728	Engineering Evaluation per step 1.16.2 of OP3263

RECOMMENDED APPROVED S/UB

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Decision point for E-0 to ES-1.1	Administrative	N		Valid decision point
Decision point for transition to 3208 from ES-1.1	Administrative	N		Valid decision.
Decision to go to E-0 RNO for MSI.	Administrative	N		Need to interview STA, US and RO to determine who knew that MSI had occur. How they stayed in left hand column
Decision not to go to E-2 with stuck open safety	Administrative	N		Correct decision, no SG depressurizing uncontrollably.
Condensate high temperature, no procedure to get to long recycle	Administrative	N		Is this a problem with ES-1.1 or all EOP's? Is there something in 3550 that would have helped?
Decision to not put CTMT vac pump in service with potential RCS leak. Possible rupture of PRT and CMS22 alarms.	Administrative	N		Good decision. Would other SM/US made that choice  Trained to put vacuum pump in service, it is even OK with a known RCS leak.
Used FR-1.1 to draw bubble	Administrative	N		Good decision
Letdown temperature hi, VCT at 130, RCP trip at 135	Administrative	N		Need to interview US and RO. When did this occur? Was it a problem with procedure or operator action?
Decision to use 12 hours vs 6 hours for safety inop	Administrative	N		Need to review with licensing was this correct decision
No tools to close manual operated valves. Old tool unsafe, new tool untested	Administrative	N		
CBI-Could not get into control building	Administrative	N		PEO's are sent to control room after a SI. No training occurs as to correct path to enter control room. IE, thru the HVK chiller room.
Operations personnel are trained that MSS*MOV74's can only be stroked 7 times an hour. Valve was stroked many more times than that.	Administrative	N		Review of the ESK indicates that the thermal overloads are bypassed when the valve pushbutton is held. The 7 strokes is a common engineering calc. But is not a physical limit. Need to compare this to training on the simulator.
Uncertain about correct time to take Iodine sample	Administrative	N		One part of the crew felt a change had recently occurred moving the requirement to 1 hour. Need to talk with Chriss Miller and see if any read and signs went out on this.

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3350 manpower limited	Administrative	N		
Multiple seal injection filter plugged	Administrative	N		
Multiple procedure steps in ES-1.1 needed to be skipped to get to 3208. Validate why this occurred.	Administrative	N		
No clean way to get into 3208 from ES1.1, compare it to ES-0.1	Administrative	N		Make similar changes to ES-1.1 that exist in ES-0.1
Chemistry priorities for LiOH and S/G chemicals, conflicted with priorities to move plant.	Administrative	N		Distraction to operations.
Aux boiler procedure has problems. Consider a GA from EOPS	Administrative	N		
Speakers hard to hear	Administrative	N		Is there any PM to check the sound on all speakers. An actual DB check?
EOF concerned about no sample on D S/G but that was S/G that was steamed the most	Administrative	N		Why did the BOP use the S/G with no sample capability. Are the operators aware of the concern of dumping steam with a small steam generator tube leak.
Decision to skip end of ES-1.1 to get to 3208	Administrative	N		Review skipped steps. Are they appropriately located. Should they have been done.
Decision to not classify at Alert for charging leak	Administrative	N		This is an issue at U2. Need to check with EP to validate SM correct decision
OP 3330C has good guidance for reducing pressure in cmt, but nothing sends us there	Administrative.	N		Review EOP/AOP's determine if procedure links need to be created
PORV light not cycling	Equipment	N		Review of real time indicates that the PORV's did cycle. Discussion with the RO and the US indicates that the PORV light and alarm did come in. Many times the green light did not go off because of the speed of the cycle.
RCS Safety light alarm in	Equipment	N		Initial indications are that the safety and PORV share common tail piece and the alarm might come in after a period of time. ERT engineer can review this.
32-3T Alternate Source light out	Equipment	N		Bulb replaced. Closed out
Manual engage turbine turning gear	Equipment	N		Maintenance issue need CR

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B CDS chiller did not restart had lo condenser pressure	Equipment	N		Engineering to review CCP and CDS flow to the chiller. Is it low in band and would that explain this?
ERDS did not work	Equipment	N		IT found and eliminated a virus installed on the system.
Air Ejector, pencil size, leak noticed.	Equipment	N		This problem appears on startup and shutdown. Determine if this is normal. If not, submit CR to repair next outage.
Datalogger not work	Equipment	N		Investigation required. What does this mean? What problem did they have. Need to generate CR/TR to maintenance once we know particulars. Datalogger program reset and function resumed.
Aux boiler trip on strainer hi d/p	Equipment	N		

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