FOIA 2011-0272

McCarver, Sammy

From: Walpole, Robert W [rwalpol@entergy.com]
Sent: Friday, January 28, 2011 9:27 AM
To: Cataldo, Paul
Subject: FW: 32 ABFP
Attachments: KT 32ABFP OB Oil.xls; KT MS-52 Lifted Rev 1.xls

Sooner than I thought.

Bob

From: Chan, Tat
Sent: Friday, January 28, 2011 9:25 AM
To: Walpole, Robert W
Subject: 32 ABFP

<<KT 32ABFP OB Oil.xls>> <<KT MS-52 Lifted Rev 1.xls>>

A-14

Problem Statement (object/deviation format): Moisture in 32ABFP OB bearing oil

		IS (Facts Only)	IS NOT (Facts Only)		DISTINCTION (Facts Only)	CHANGE (Facts Only)		POSSIBLE CAUSE (Technically explains deviation)	EXPLAINS ONLY IF (Assumptions)	DOES NOT EXPLAIN (Conflicting facts)
A	What	Moisture and foreign material in 32ABFP OB bearing	No signs of moisture or foreign material in the IB oiler	A	No significant differences	N/A				
B				B			#1	Bearing cooling Water (CST) leaking into bearing oil	There is a breach of the cooling water supply within the pump oil reservoir.	Hydro test was performed on condensate piping t
C	Where	32 ABFP OB oiler and level sight glass	32 ABFP IB oiler and level sight glass	C	No significant differences	N/A				Site glass connection (oil drain) was disassemble
							#2	Water leaking from the Pump packing into the oil reservoir.	Spray from the packing gland enters the oil reservoir .	Bearing oil was drained and flushed. Sediments f
									Pump will be run to verify that there is no leakage through the Water Shield which b	
D	When	during quarterly surveillance test	Last quarterly test, oil sample was SAT	D	Pump was not loaded	Not a significant change.				
E				E			#3	Condensation form the ambient environment	Cycling of environmental conditions over time resulting in water accumulation.	
F				F						
G	Extent			G						
H				H						
I				I			#4			
J				J						
K				K						

Problem Statement (object/deviation format): MS-52 Lifted

		IS (Facts Only)	IS NOT (Facts Only)			DISTINCTION (Facts Only)	CHANGE (Facts Only)		POSSIBLE CAUSE (Technically explains deviation)	EXPLAINS ONLY IF (Assumptions)		DOES NOT EXPLAIN (Conflicting facts)
A B	What	MS-52 Lifted	Other relief valves	A B	What	MS-52 is the steam supply relief valve to the 32 ABFP Turbine. The valve lifted while being controlled by PCV-1139	No change in steam supply configuration since last surveillance was performed	#1	MS-PC-1139 not set correctly. PR-1139-5 not set properly (as-found at 13.03 psi vs acceptable range of 12.0-12.5 psi)	Failure to properly provide control signal to PIC-1139 could result in higher operating pressure associated with PCV-1139	#1	
C	Where	Downstream of PCV-1139 and Upstream of 32 ABFP Turbine	Upstream of PCV-1139	C	Where	PCV-1139 controls main steam supply to 32 ABFP Turbine	No change in steam supply configuration since last surveillance was performed	#2	Wizard controller not calibrated correctly.	Improper calibration of the Wizard controller could result in incorrect feedback being given to PCV-1139 controller.	#2	As-found readings within acceptable limits.
D	When	During 32 ABFP surveillance (pump was idling)	During the previous surveillance tests	D	When	Previous surveillance test was ~3 months (10/29/10)	Surveillance test was not change since most recent test	#3	PT-1139 not properly functioning. (gauge readings found below acceptable limits, re-calibrated)	Failure to properly transmit signal to PIC-1139 could result in higher operating pressure associated with PCV-1139	#3	
E	Extent	>700 ± 21 psi	<700 ± 21 psi	E	Extent	Pressure is supposed to be maintained ~ 600 to 633 psi by valve PCV-1139	N/A	#4	Verify valve positioner for PCV-1139 is properly functioning.	Failure to properly control valve PCV-1139 could result in higher operating pressure to the 32 ABFP turbine.	#4	
								#5	PCV-1139 is not functioning properly. Was moving erratically during testing.	Failure of PCV-1139 to function properly could result in higher operating pressure to the 32 ABFP turbine.		
								#6	MS-52 is not set correctly.	Improper calibration of relief value could result in pre-mature lift.		