

Nuclear Plant Maintenance Work Order Continuation Sheet

MPL No. 1-2403-P5-DG2

MWO No. 19001576

Work Description BLOCK 27

PROCEDURE YEGP 27563-C

WHILE ENGINE RUNNING IN EMERGENCY MODE A BUBBLE TEST WAS CONDUCTED ON THE PNEUMATIC LINES LISTED BELOW. AFTER RECONNECTING PNEUMATIC LINES, A SNOOP TEST WAS CONDUCTED ON FITTING. ONE HIGH TEMP JACKET WATER SENSOR TRIPPED AFTER ENGINE STARTED.

		BUBBLE TEST	SNOOP TEST
E-10A	TRIP LOW PRESSURE LUBE OIL	SATISFACTORY	SATISFACTORY
E-10B	TRIP LOW PRESSURE LUBE OIL	SATISFACTORY	SATISFACTORY
E-10C	TRIP LOW PRESSURE LUBE OIL	SATISFACTORY	SATISFACTORY
E-68	TRIP HIGH PRESSURE CRANKCASE	SATISFACTORY	SATISFACTORY
E-12	TRIP LOW PRESSURE TURBO OIL	1 BUBBLE/SECOND	WEEPS
E-14	TRIP LOW PRESSURE JACKET WATER	SATISFACTORY	HAS BUBBLES
E-23H	TRIP HIGH VIBRATION	2 BUBBLES/SECOND	WEEPS
E-19	TRIP HIGH TEMP ENG BRGS	1 BUBBLE/SECOND	SATISFACTORY
E-18	TRIP HIGH TEMP LUBE OIL	SATISFACTORY	WEEPS
E-16C	TRIP HIGH TEMP JACKET WATER	TRIPPED ENGINE	DID NOT PERFORM
		3 BUBBLES/SECOND	
E-16A	TRIP HIGH TEMP JACKET WATER	SATISFACTORY	DID NOT PERFORM

ADDED PRESSURE GAUGES AT SENSORS OF LINES E-16A, B, C FOR TROUBLE SHOOTING TO OBSERVE SENSOR OPERATION DURING ENGINE STARTING. FOUND SENSOR A MOVEMENT SLUSHY.

STEP #	TRIP BY	SNOOP TEST	
STEP # 2	TRIP BY HI-TEMP LUBE OIL	SATISFACTORY	SATISFACTORY
STEP # 3	TRIP BY HIGH VIBRATION	SATISFACTORY	SATISFACTORY
STEP # 4	TRIP BY HIGH PRESS CRANKCASE	SATISFACTORY	SATISFACTORY
STEP # 5	TRIP BY 2 OF 3 LO. PRESSURE	SATISFACTORY	SATISFACTORY

ES E-16A, E-16B & E-16C REQUIRE BUBBLE TESTING

James P. ... 3/31/90 1246 am