

RECIRC SEAL HISTORY

Order	PMP	Date	Short text	notes
920130098				SYSTEM ENGINEERING TO INSPECT REACTOR RECIRC. PUMP SEAL AREAS FOR EVIDENCE OF SEAL FAILURE. DOCUMENT RESULTS OF INSPECTION IN WORK ORDER.
	1A/B-	12-Mar-92	1A/B-P-201 INSPECT SEALS FOR EVIDENCE OF LEAKAGE	
871201409 871205037 880426163 871205037	A	29-Jun-88	REPLACE RECIRC PUMP SEAL WITH NEW SEAL.	Seal leaks, replace
910301058 890925151	A	10-May-91	REPLACE RECIRC PUMP MECH SEAL	RFO
940101016 920316102	A	31-Mar-92	REPLACE THE A RECIRC PUMP MECH SEAL	
950316006	A	20-Jun-94	REPLACE THE A RECIRC PUMP MECH SEAL	
960413149	A	23-Dec-96	A REACTOR RECIRC PUMP #2 SEAL DEGRADED	1A-P-201
961125352	A	5-Jan-97	INCREASED LEAKAGE NOTED IN 1A-P-201 #2 SEAL /SEAL REPLACED -N7500 INSTALLED	1A-P-201
970415035 961125352	A	9-Feb-98	REPLACE THE A RECIRC PUMP MECH SEAL	
961227083	A	26-Feb-98	1A-P-201, INSTALL RECIRC SEAL VENT LINE PER DCP.	
970321116	A	7-Mar-98	1A-P-201, REROUTE RECIRC SEAL LEAKOFF LINE.	
CR990410137	A	10-Apr-99	1A-P-201 seal failure	1A-P-201 seal failure due to air / improper venting
	A	1-Sep-99	A RECIRC SEAL replaced	mentioned in 80005944 confirmation text.
870923162 870924189	B	12-Feb-88	REPLACE RECIRC PUMP SEAL WITH NEW SEAL.	Seal leaks, replace
890912138	B	18-Dec-89	REPLACE RECIRC PUMP MECH SEAL	
921001044 921119171	B	2-Feb-93	REPLACE B RECIRC PUMP MECHANICAL SEAL	INSPECT SEAL REMOVED FROM 1B-P-201 during RF4
951105008	B	20-Jun-94	REPLACE B RECIRC PUMP MECHANICAL SEAL	
970524003	B	25-Dec-95	REPLACE B RECIRC PUMP MECHANICAL SEAL	
960826064 990318011	B	19-Nov-96	REPLACE B RECIRC PUMP SEAL PER PM WORK ORDER	

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971201404	B	30-Jan-98	UNABLE TO VENT 'B' RECIRC SEAL AT ELEVATED TEMPS	1B-P-201
961118205	B	19-Feb-98	1B-P-201 SEAL #2 APPEARS DEGRADED 4EO-3635.	
970321117	B	13-Mar-98	1B-P-201, REROUTE RECIRC SEAL LEAKOFF LINE.	
961227088	B	10-Sep-98	1B-P-201, INSTALL RECIRC SEAL VENT LINE PER DCP.	
960330084	B	14-May-99	B RX RECIRC #2 SEAL TRENDING HIGH	1B-P-201
961118205	B	21-Jun-99	1B-P-201 SEAL #2 APPEARS DEGRADED (LOW PRESSURE)	1B-P-201
80005944	B	28-Mar-00	h1bb -1b-p-201, rx recirc seal perform.	
60004748	B	18-May-00	REPLACE SEAL ON 1B-P-201	monitoring of the 1B-P-201 detected a slight degradation in the # 2 seal following the startup from Cycle 09 Mid-cycle Outage (i.e., First week of September 1999). Following the mid-cycle startup, # 2 seal cavity pressure ranged between 481-489 psi. A downpower to 60% power was conducted this past weekend (12/10-13/99). Pressure in the # 2 seal cavity has still not recovered to the pre-downpower value (i.e. 482 psi pre, 475 psi post). Seal behavior appears similar to that experienced on the 1A-P-201 earlier this cycle. That seal was replaced during the August/September 1999 Mid-Cycle outage.
80011448	B	7-Aug-00	document old seal inspection results	1B-P-201 seal failure due to air / improper venting
70022233	B	2-Jan-02	B RECIRC #2 SEAL CAVITY PRESS DEGRADING	
60027904	B	11-Mar-03	Replace 1B-P-201 seal with refurbished seal	
70032240	B	23-Jul-03	B recirc seal #2 pressure N1 20146882	
960206321		4-Dec-96	INADVERTANT DISCHARGE THROUGH RECIRC SEAL VENTS	
980218258		7-May-98	INSTALL RECIRC. SEAL VENT LINE DCP 4EC-3458 01	1A-P-201
960924143		19-May-98	INPO OE 0831, CLINTON RECIRC PUMP SEAL FAILURE	
981121110		21-Jun-99	REACTOR RECIRC PUMP SEAL VENTING	1A-P-201

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60021564		12-Sep-01	DISASSEMBLE SPARE RECIRC PUMP SEAL	
60021483		24-Oct-01	REBUILD SPARE MECH SEAL & INSTALL RFO-10	same as 60021483