10/10/2013

FINAL

BARNHART STATION MATRIX

				DATE	
ITEM	SOURCE	ACTION	DATE DUE	COMPLETED	COMMENTS
		Implement a 2 IPL solution. Consider using a check list to ensure all low			
		points are adequately drained. Complete the check list at least every 30			
		days during the winter months and/or when a hard freeze is expected			
Ph II PHA/LOPA	Phase II	and add to PM schedule. Note: With a check list and PM schedule, 2			
Action Item 1	PHA/LOPA	layers of protection is credible.	8/30/2013	8/29/2013	
		For LAHH-9000 with visible light and operator response to be credible,			
		consider adding a step to the maintenance procedures to function test			
Ph II PHA/LOPA	Phase II	the Liquids Recovery Sump Tank (SU-9000) High High level alarm light on			
=	PHA/LOPA	LAHH-9000 before draining. See Dwg: 190-D-101, Sht 5 of 6 (1 IPL)	8/30/2013	8/29/2013	
Action Item 2	THALOTA		0/30/2013	0/23/2013	
		Consider revising the Receiver, Launcher, Strainer & Mainline Unit			
		Maintenance Procedures and LOTO Check sheets to include technician's initials and final completion signature indicating all valves are placed in			
		the proper position prior to lining up to the Mainline. Keep these			
		completed procedures and LOTO checklist on file for one year. Have a			
		CMS task for an audit of the completed procedures & LOTO checklists			
Ph II PHA/LOPA	Phase II	annually. Discard previous year's completed procedures and LOTO			
Action Item 3	PHA/LOPA	checklists after the audit. (1 IPL)	8/30/2013	8/29/2013	
Action Item 5	1111,420171	Add bypass relief valves around each inline control valve to mitigate	0/30/2013	0,23,2013	
		secondary surges created when the station control valve closes due to			
Surge Analysis	Phase I surge	the station discharge pressure being exceeded when a downstream			
	analysis	valve is closed (surge event).		2/26/2013	
	Phase II surge	Lower Texon discharge control pressure to 885 psig and Texon high			
	analysis	discharge pressure shutdown to 935 psig.		2/26/2013	
Pre-Mod				4/3/2013 to	
Approvals	MOCR BH-13-001	Pre-mod approvals for MOCR BH-13-001		8/12/2013	
Operating					
procedure					
modifications	MOCR BH-13-001	Modifications required per MOCR BH-13-001		10/10/2013	
Facility Integrity				7/1/2013 to	
Checklist	MOCR BH-13-001	PHA & LOPA in lieu of FIC		8/31/2013	
PSSR	MOCR BH-13-001	PSSR required per MOCR BH-13-001		10/10/2013	