

Document Updates for MR 02-029, Aux Feed Mini Recirc Safety Upgrade

June '03

	<i>Document</i>	<i>Description</i>	<i>Status</i>
✓	1 Training Docs (Lesson Plans, etc.)	Update to reflect the upgraded safety classification of the mini-recirc AOVs	• TWR 02-240 initiated
✓	2 Simulator	Change programming for AF-117 to eliminate ability to prevent backflow <i>Check W/4</i>	• SDR 02-0074 initiated
✓	3 P&ID BECH M-217 Sh. 1	Add a note at AF-117 to reflect that the check valve internals have been removed	• DCN 2002-1547 incorporated • Rev 73 of drawing issued
	4 Drawing ALOYCO A-46037	Add a note to list parts that have been removed	• DCN 2002-1548 released for incorporation
	5 Calc 2002-0026	Calculation to verify that relief valve AF-4035 can pass sufficient flow to keep all AFW pumps operable (for mod installation only)	• Calc Approved
	6 DBD-01, Auxiliary Feedwater	Update to describe new safety function of components, and to add new components installed by MR 01-144 and MR 02-001.	• Issued
	7 DBD-06, Instrument Air / Service Air	Update to describe new safety function of components, and to add new components installed by MR 01-144 and MR 02-001.	• Markup not yet prepared.
	8 PSA Analysis	Update to reflect check valve internals removal	• Revision 3.05 of analysis completed
	9 FSAR 9.7, Instrument Air (IA) / Service Air (SA)	Update to reflect safety function of backup pneumatic sources previously installed by MR 01-144 and MR 02-001.	• FCR currently under preparation
<i>to license</i>	10 FSAR 10.2, Auxiliary Feedwater System (AF)	Update to reflect safety function of mini-recirc AOVs	• FCR currently under preparation
←	11 TS B 3.7.5, AFW System	Update to tie operability of the AFW pumps to the common mini-recirc line	• TS Bases revision prepared and reviewed
	12 CHAMPS	Note to AF-117 equipment record to document that the internals have been removed	• Update completed
	13 IT 08A, Cold Start of Turbine-Driven Auxiliary Feed Pump and Valve Test (Quarterly) Unit 1	Update to add acceptance criteria for opening 1AF-4002, to add acceptance criteria for exercising 1AF-114, and to add a closure check of 1AF-173	• Update completed - Rev 29 Issued
	14 IT 09A, Cold Start of Turbine-Driven Auxiliary Feed Pump and Valve Test (Quarterly) Unit 2	Update to add acceptance criteria for opening 2AF-4002, to add acceptance criteria for exercising 2AF-114, and to add a closure check of 2AF-173	• Update completed - Rev 29 Issued
	15 IT 10, Test of Electrically-Driven Auxiliary Feed Pumps and Valves (Quarterly)	Update to add acceptance criteria for opening AF-4007 / AF-4014, and to add acceptance criteria for exercising check valves AF-115 and AF-116	• Update completed - Rev 45 Issued
	16 IT 10A, Test of Electrically-Driven	Update to add acceptance criteria for opening AF-4007 / AF-4014, and to add acceptance criteria for	• Update completed - Rev 13 Issued

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	Auxiliary Feed Pumps and Valves with Flow to Unit 1 Steam Generators (Quarterly)	<i>exercising check valves AF-115 and AF-116</i>	
17	IT 10B, Test of Electrically-Driven Auxiliary Feed Pumps and Valves with Flow to Unit 2 Steam Generators (Quarterly)	<i>Update to add acceptance criteria for opening AF-4007 / AF-4014, and to add acceptance criteria for exercising check valves AF-115 and AF-116</i>	<ul style="list-style-type: none"> • Update completed – Rev 12 Issued
18	CHAMPS Callup M-A6	<i>Delete callup to open and inspect AF-117, since internals are removed</i>	<ul style="list-style-type: none"> • Callup has been deleted, and next callup Work Order has been cancelled
19	IST Background Document, Appendix A, Auxiliary Feedwater Components	<i>Update to reflect new safety functions of mini-recirc AOVs, recirc check valves, and pneumatic backup check valves</i>	<ul style="list-style-type: none"> • Update not yet prepared
20	IT 08C	<i>Create new procedure to perform a system pressure drop test on the air backup for 1AF-4002 installed by MR 02-001</i>	<ul style="list-style-type: none"> • Draft procedure prepared; going to MSS on 9/30.
21	IT 09C	<i>Create new procedure to perform a system pressure drop test on the air backup for 2AF-4002 installed by MR 02-001</i>	<ul style="list-style-type: none"> • Draft procedure prepared; going to MSS on 9/30.
22	CHAMPS Q-list	<i>Update Q-list to add QA code 06 to the mini-recirc AOVs and the mini-recirc check valves (1/2AF-114, AF-115, and AF-116) to reflect their new function to provide cooling for the AFW pumps.</i>	<ul style="list-style-type: none"> • Completed

Per the station process for modification close-out, all documentation must be completed within 90 days after acceptance of the modification. The modification was accepted by Operations on 9/12/2002.