

CPSES - TECHNICAL REQUIREMENTS MANUAL

REVISION - 24
DETAILED DESCRIPTION

Prefix Page
(as amended)

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Group

2

Description

Adds main steam block valves (MS-0101 and MS-0128) to Table 2.1.1, "Containment Isolation Valves".

Addition

The Main Steam valves HV-2452-1 and HV-2452-2, supply steam from Steam Generators 1 and 4 to the Auxiliary Feedwater Pump Turbine. These valves utilize safety related air accumulators to maintain the valves closed during off-normal plant conditions. After exhausting the air accumulators, a secondary method of ensuring Containment Isolation is required. The upstream block valves (MS-0101 and MS-0128) fulfill this requirement..

The air accumulators supply safety related air to the air-operated valves upon loss of the non-safety related plant instrument air system. However, by design, the air accumulators only provide sufficient air to close the valves and keep them closed for 7 hours with an additional half hour allocated for manual operator action. The block valves upstream of HV-2452-1, -2 are ASME Safety Class 2 gate valves with manual gear operators and have been qualified to function as secondary outside Containment Isolation for penetrations MI-0001 and MI-0004.

The FSAR (LDCR-SA-96-131) and Inservice Testing Plan (LDCR-IT-97-006) are also being revised to be consistent with this change.

Change Request Number

TR - 97 - 7 . 1

Related SER : 10.3.1

SSER :

SER/SSER Impact

N

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4

Clarify wording for containment spray pump testing.

Clarification

The new wording is more consistent with the Technical Specification as revised by Amendment 37/23 (and staff Safety Evaluation) and the actual way the testing is performed. Each pump is individually tested at >3300 gpm and >245 psid then the two flows are summed.

Change Request Number

TR - 96 - 1 . 1

Related SER :

SSER :

SER/SSER Impact

N

ENCLOSURE TO TXX-97146

COMANCHE PEAK STEAM ELECTRIC STATION UNITS 1 & 2
TECHNICAL REQUIREMENTS MANUAL (TRM)
INSTRUCTION SHEET
(Page 1 of 1)

The following instructional information and checklist is being furnished to help insert Revision 24 into the Comanche Peak Steam Electric Station TRM.

Discard the old sheets and insert the new sheets, as listed below.

Remove

Insert

Section 2

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List of Effective Pages

EPL-1 through EPL-4

EPL-1 through EPL-4

NOTE: Please complete the entry for insertion of Revision 24 on the "Record of Changes" form located at the beginning of the TRM.

TECHNICAL REQUIREMENT 2.1 (continued)TABLE 2.1.1 (continued)CONTAINMENT ISOLATION VALVES

<u>VALVE NO.</u>	<u>FSAR TABLE REFERENCE NO. *</u>	<u>LINE OR SERVICE</u>	<u>MAXIMUM ISOLATION TIME (Seconds)</u>	<u>NOTES AND LEAK TEST REQUIREMENTS</u>	
3. Containment Ventilation Isolation Valves (continued)					
HV-5548	122	Containment Pressure Relief	5	C Note 8	21
HV-5549	122	Containment Pressure Relief	5	C Note 8	21
4. Manual Valves					
MS-711#	4a	TDAFW Pump Bypass Warm-up Valve	N.A.	N.A.	8
MS-390	5a	N ₂ Supply to Steam Generator #1	N.A.	N.A.	8
MS-387	9a	N ₂ Supply to Steam Generator #2	N.A.	N.A.	8
MS-384	13a	N ₂ Supply to Steam Generator #3	N.A.	N.A.	8
MS-712#	17a	TDAFW Pump Bypass Warm-up Valve	N.A.	N.A.	8
MS-393	18a	N ₂ Supply to Steam Generator #4	N.A.	N.A.	8
FW-106	20b	N ₂ Supply to Steam Generator #1	N.A.	N.A.	8
FW-104	22b	N ₂ Supply to Steam Generator #2	N.A.	N.A.	8
FW-102	24b	N ₂ Supply to Steam Generator #3	N.A.	N.A.	8
FW-108	26b	N ₂ Supply to Steam Generator #4	N.A.	N.A.	8
7135#	52	RCDT Heat Exchanger to Waste Holdup Tank	N.A.	C	8
MS-101	4	TDAFWP Steam Supply	N.A.	N.A.	24
MS-128	17	TDAFWP Steam Supply	N.A.	N.A.	

TECHNICAL REQUIREMENT 2.2

- 2.2.1 In the test mode each Containment Spray pump is required to provide a total discharge flow through the test header of greater than or equal to 3300 gpm at 245 psid with the pump eductor line open.

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TECHNICAL REQUIREMENTS MANUAL (TRM)

EFFECTIVE PAGE LISTING

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Revision 6	November 22, 1991
Revision 7	March 18, 1992
Revision 8	June 30, 1992
Revision 9	December 18, 1992
Revision 10	January 22, 1993
Revision 11	February 3, 1993
Revision 12	July 15, 1993
Revision 13	September 14, 1993
Revision 14	November 30, 1993
Revision 15	April 15, 1994
Revision 16	" 11, 1994
Revision 17	February 24, 1995
Revision 18	April 14, 1995
Revision 19	May 15, 1995
Revision 20	June 30, 1995
Revision 21	January 24, 1996
Revision 22	February 24, 1997
Revision 23	March 13, 1997
Revision 24	June 26, 1997

COMANCHE PEAK STEAM ELECTRIC STATION UNITS 1 & 2
TECHNICAL REQUIREMENTS MANUAL (TRM)

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