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<i>Notification</i>	10294449		<i>Notification type</i>	CR
<i>Description</i>	SW GLAND WATER (A) AND (B) TROUBLE		ALARM	Condition Report
<i>Reported by</i>	JRWEISS	17:25:07	<i>NotifictnDate</i>	02/08/2004
<i>Start date</i>	02/08/2004		<i>End date</i>	02/12/2004
<i>Start time</i>	17:25:07		<i>End time</i>	16:30:00
<i>Priority</i>	CM			
<i>FunctLocation</i>	CNS-SW	SERVICE WATER		
<i>SORT</i>	SW			
<i>Equipment</i>				
<i>Order</i>				
<i>Assembly</i>				
<i>MaintPlanGroup</i>	PED	Plant Engineering	<i>Tel.</i>	
<i>Malf. Start Date</i>			<i>Malf. End date</i>	
<i>Malf. Start time</i>	00:00:00		<i>Malf. End time</i>	00:00:00

R4-5A28

J-27

02/08/2004 17:25:07 btcuser (BTCUSER)

DESCRIPTION OF CONDITION:

Received Annunciator ANN -ANN -(A-4/E-6), SW GLAND WTR SUPPLY SYS A TROUBLE, and ANN -ANN -(B-3/E-6), SW GLAND WTR SUPPLY SYS B TROUBLE, Bldg operator reported that the alarms were due to Low Pressure and they were both clear. The following parameters were noted:

A/C Gland water pressure 18#  
SWP A Gland water flow 5.4gpm  
SWP C Gland water flow 7.8gpm  
B/D Gland water pressure 16.5#  
SWP B Gland water flow 7.6gpm  
SWP D Gland water flow 6.3gpm

No adjustments were made to the system, no other alarm were received.

REQUIREMENT NOT MET:

SW GLAND WATER LOW PRESSURE ALARMS

METHOD OF DISCOVERY:

CONTROL ROOM ALARM

IMMEDIATE ACTIONS TAKEN:

DISPATCHED BLDG OPERATOR PER THE ALARM RESPONSE PROCEDURE.

RECOMMENDATIONS:

DETERMINE AND CORRECT CAUSE OF ALARM.

LOCATION OF EVIDENCE:

IS-903-SWP ROOM

FUNCTIONAL LOCATION (IF KNOWN):

SW GLAND WATER PRESSURE

EQUIPMENT (IF KNOWN):

SW GLAND WATER SYSTEM

REPORTED BY:

JRWEISS

WORK CENTER:

OPS

SUBMITTED BY:

jrweiss

SUPERVISOR:  
BRIAN MURPHY

DEFICIENCY TAG:

IS THIS AN EQUIPMENT ISSUE?

- YES, CONTACT THE SENIOR REACTOR OPERATOR (SRO) IN THE WORK CONTROL CENTER (WCC) OR THE CONTROL ROOM.  
 NO.

IF THE CONDITION IS EXPECTED TO BE INCLUDED IN THE CORRECTIVE ACTION PROGRAM, INDICATE IF YOU WOULD LIKE TO EVALUATE THE ACTIONS TO BE TAKEN FOR THE CONDITION?

- YES  
 NO

ADDITIONAL COMMENTS:

02/08/2004 23:34:05 Rod L. Penfield (RLPENFI) Phone 402-825-5413

The following parameters were noted upon investigation:

A/C Gland water pressure 18#  
SWP A Gland water flow 5.4gpm  
SWP C Gland water flow 7.8gpm  
B/D Gland water pressure 16.5#  
SWP B Gland water flow 7.6gpm  
SWP D Gland water flow 6.3gpm

Sufficient gland water to pumps was always maintained greater than 1.5 gpm. SW Operability not affected by the condition identified.

THIS IS THE ONLY ALARM THAT HAS BEEN RECEIVED ON THE SERIVE WATER GLAND WATER SYSTEM. GLAND WATER FLOWS WERE MAINTAINED GREATER THAN 1.5 GPM AT ALL TIMES. MOST LIKELY THE CAUSE OF THIS ALARM WAS SYSTEM LOADING DUE TO DEMANDS ON THE SCREEN WASH AND SPARGER SYSTEMS. RECOMMEND SYSTEM ENGINEER TREND THIS CONDITION.

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Task ACTIVITY TAGD N/A  
Partner  
System Status TSCO

Task REVIEW OPRV  
Partner  
System Status TSCO

02/08/2004 18:19:07 Steve Wheeler (SCWHEEL)  
OPERATIONS REVIEW OF NOTIFICATION

Is the condition an immediate nuclear or personnel safety concern?  
 YES - Immediately notify Shift Manager

[ XX ] NO

Is the condition reportable or potentially reportable per 10CFR20, 10CFR26.73, 10CFR50.72, 10CFR50.73, or 10CFR73.71 (reference Procedure 2.0.5 and NUREG 1022)?

[ ] YES - Immediately notify Shift Manager  
[ XX ] NO

Does the condition affect or potentially affect any of the SSC(s) described in Attachment 4? Also consider generic concerns and common mode failures, when applicable. For significant programmatic issues, determine if a basis for Reasonable Assurance of Safety per Procedure 0.5.BCO is required.h

[ XX ] YES - Immediately notify Shift Manager  
[ ] NO - NOT IN SCOPE

Does the condition call the SSC(s) performance into question?

[ XX ] NO - Basis: SW HEADER PRESSURE DROPPED APPROXIMATELY 3-4 PSIG WHEN THE LOW PRESSURE ALARMS CAME IN. BELIEVED DUE TO GLAND WATER PRESSURES CLOSE TO ALARM SETPOINT OF 14 PSIG AND SEQUENCING OF SW LOADS IN INTAKE (A/B ZURN BLOWN DOWN, SPARGERS SWAPPING). ALARM CONDITION HAS CLEARED. ADEQUATE GLAND WATER FLOW WAS NOTED BY THE STATION OPERATOR.

[ ] YES - Declare SSC(s) inoperable and document a basis for Reasonable Assurance of Safety if TRM or ODAM LCO 3.0.3 is entered  
[ ] YES - Document a reasonable expectation of OPERABILITY on the Notificationh

AND  
Perform INFORMATION GATHERING

Does the condition call the SSC(s) qualification into question?

[ XX ] NO - Basis: SW HEADER PRESSURE DROPPED APPROXIMATELY 3-4 PSIG WHEN THE LOW PRESSURE ALARMS CAME IN. BELIEVED DUE TO GLAND WATER PRESSURES CLOSE TO ALARM SETPOINT OF 14 PSIG AND SEQUENCING OF SW LOADS IN INTAKE (A/B ZURN BLOWN DOWN, SPARGERS SWAPPING). ALARM CONDITION HAS CLEARED. ADEQUATE GLAND WATER FLOW WAS NOTED BY THE STATION OPERATOR.

[ ] YES - Declare SSC(s) inoperable and document a basis for Reasonable Assurance of Safety if TRM or ODAM LCO 3.0.3 is entered  
[ ] YES - Document a reasonable expectation of OPERABILITY on the Notificationh

AND  
Perform INFORMATION GATHERING

Does the condition describe an existing but previously unanalyzed condition or accident?

[ XX ] NO  
[ ] YES - Declare SSC(s) inoperable and document a basis for Reasonable Assurance of Safety if TRM or ODAM LCO 3.0.3 is entered  
[ ] YES - Document a reasonable expectation of OPERABILITY on the Notificationh

AND  
Perform INFORMATION GATHERING

Task REVIEW WCCR I CONCUR WITH THE OPS REVIEW  
Partner  
System Status TSCO

Task REVIEW CAP TREND- OPS  
Partner  
System Status TSCO

02/10/2004 11:25:32 David Hockenborne (DWHOCKE)  
TREND- OPS

Task REVIEW SCRN TREND PED  
Partner  
System Status TSCO

Task REVIEW LIC NOT REPORTABLE  
Partner  
System Status TSCO

02/10/2004 15:19:42 Coy L. Blair (CLBLAIR)  
NO OPERABILITY IMPACT

Task REVIEW MRUL EXPORT\_CIC=SW-PS-387  
Partner  
System Status TSCO TSSC

Task ACTIVITY TAGR N/A  
Partner  
System Status TSCO

Item detail 0001  
Text  
Object part M101 ANNUNCIATORS  
Damage  
Cause of damage  
Cause text SW

Assembly  
Error class

*End of report*