

OEAB EVENT TRACKING SHEET

No Sort Specified
 QUERY> Event Number >= 29153 & Event Number <= 29153

Plant: SAINT LUCIE

Unit:

Engineer: KOSHY T.

Event: 08/02/95

Morning Report:

Briefing:

50.72#: 29153

LER#: 050000009500000

PN#:

Other Notification:

System:

Component:

OPERATING MODE

- 1 - Operation
- 2 - Startup
- 3 - Hot Standby
- 4 - Hot Shutdown
- 5 - Cold Shutdown
- 6 - Refueling
- 7 - Other _____

SIGNIFICANCE

- A - Reactor Protection System
- B - Safety-Related Cooling System
- C - Fuel Cladding
- D - Reactor Coolant Pressure Boundary
- E - Containment
- F - Plant Power
- G - Unexpected Plant Performance
- H - Other:

CAUSE

- 1 - Equipment Failure
- 2 - Design or Installation Error
- 3 - Operating Error
- 4 - Maintenance Error
- 5 - External
- 6 - Other _____

EVENT TYPE

- SIG - Significant Event
- EOI - Event of Interest
- TBD - To Be Determined
- OTH - Other

POTENTIAL AO:

Criterion: _____

Proposed By: KOSHY T.
 Engineer

Approved:

Section Leader

A. Chaffee
 Branch Chief

EVENTS ASSESSMENT PANEL

First Screening:

Significance Description:

UE declaration resulting from two stages of Reactor coolant pump seal failures with 2gpm identified leakage.

Closures:

9508300278 3pk xA

G/14

G:\OECB\ETS

EVENT FOLLOW-UP ASSIGNMENT SHEET

PSE -- ☐ YES ☒ NO

ASSIGNMENT DATE:	8-2-95
ASSIGNED TO:	T Koshy
PLANT & UNIT:	Saint Lucie
EVENT DATE:	8-2-95
50.72 REPORT NO:	29153
MR NO:	
OTHER REPORT:	
SPECIALTY CODE:	

EVENT SUMMARY

UE declaration resulting from two stages of Reactor coolant pump seal failures with 2gpm identified leakage.

SPECIFIC FOLLOW-UP ASSIGNMENT

DETERMINE DETAILS, EVALUATE SAFETY SIGNIFICANCE AND GENERIC IMPLICATIONS. IN ADDITION, ADDRESS THE FOLLOWING SPECIFIC CONCERNS:

ASSIGNMENT OPTIONS

*IDENTIFY DISCREPANCIES FROM INITIAL EVENT INFORMATION: ☐ YES ☐ NO ☐ N/A

*PERFORM RISK ASSESSMENT: ☐ YES ☐ NO ☐ N/A

ESTIMATE CONDITIONAL CORE DAMAGE PROBABILITY: ☐ YES ☐ NO ☐ N/A

*COMPARE WITH PREVIOUS SIMILAR EVENTS: ☐ YES ☐ NO ☐ N/A

PREVIOUS SIMILAR EVENTS:

*RELATE TO ENFORCEMENT ACTIONS: ☐ YES ☐ NO ☐ N/A

*RELATE TO USI GSI (NUREG-0933): ☐ YES ☐ NO ☐ N/A
RELEVANT USI GSI:

PREPARE TO BRIEF: ☐ YES ☐ NO

*TARGET CLOSEOUT SCHEDULE:

*INITIAL SCREENING PANEL

EVENT/CONDITION SAFETY SIGNIFICANCE: _ OTH _ EOI _ SIG _ AO

*REMAINING OR ADDITIONAL FOLLOW-UP ITEMS:

*FINAL PANEL ASSESSMENT

EVENT/CONDITION SAFETY SIGNIFICANCE: _ OTH _ EOI _ SIG _ AO

*BASIS: _ RISK _ PROGRAMMATIC _ MARGIN _ N/A

*GENERIC FOLLOW-UP ACTION RECOMMENDED: _ YES _ NO _ PRIORITY (1,2,3,4)¹
_ IN _ BUL _ GL

CLOSEOUT

During the plant restart following the hurricane warning, the operator noticed the first stage seal failure. The licensee attempted to "restage the seal" using a previously successful method. The process involved transferring the full pressure to stage two and relieving pressure in stage 3.

The attempt was not successful this time and it is believed to have caused the second stage of RCP seal failure. Such "restaging seal" was not attempted when the plant conditions were 370F and 530 psi. The higher temperature and pressure could be the cause for the second stage seal failure. The licensee plans to perform further failure analysis.

The station black out analysis assumes 25gpm. The failures were within the analyzed bases. No further follow up is required. Classified as other.

FILE: G:\TXK 29153.SL

BRIEF # _____

GENERIC RESPONSE: IN # _____ BUL # _____ GL # _____

1. Priority endnote:

PRIORITY 1: Immediate assignment of resources (e.g., for highly risk-significant safety concerns)

PRIORITY 2: Near -term action (e.g., significant safety issues not warranting immediate action)

PRIORITY 3: Long-term action (e.g., issues of moderate to low safety significance)

PRIORITY 4: Resource dependent action (e.g., items that can be deferred)