

SSER

Task: Allegation A-230

Reference No.: 4-84-A-06/118

Characterization: The allegation is that an Ebasco review of Startup System (SUS) 52B, Reactor Coolant, disclosed many Mercury documents that were incomplete and red lines on drawings that did not match the as-built plant configuration. This allegation also claims that there are generic deficiencies in Mercury turnover packages.

Assessment of Allegation: The implied significance of this allegation is that missing or inadequate documentation and incorrect red line drawings could place the quality of installation in question.

The NRC staff investigated this allegation by reviewing four of the six safety-related Operation Control Reports (OCRs) associated with SUS52B and five other OCrs. Ebasco reviewed 100% of the OCrs prior to Mercury turnover of the packages and LP&L performed a 10% sample review. [The NRC staff has objective evidence that Ebasco reviewed these turnover packages, document findings, and closed out deficiencies.]

The issue involving problems with red lines was addressed by allegation A-187, where the NRC review did not detect any problems.

The NRC staff concludes that this allegation has neither safety significance nor generic implications.

[Potential Violations: None.]

Actions Required: None.

References

1. Operational Control Reports (OCR)

OCR-666, -1019, -1020, -1022, -1647, -1782, -1855, -1859, -1881



Document Name:  
A-230

Requestor's ID:  
PATTYN

Author's Name:

Document Comments:

WATERFORD OPEN ISSUE

Task: A-230

Ref. No.: 4-84-A-05 No. 118

Characterization: Individual ["C"] alleged that on September 27, 1982, the review of SUS 52B identified so many documents that were incomplete and red line drawings that did not match that the review was stopped.

Initial Assessment of Significance: Allegation claims generic deficiencies in turnover packages.

Source: ["Individual "C"]

Approach to Resolution:

1. Review turnover packages for system SUS 52B; also, see exhibit 16.
2. Review additional OCR packages for generic concern.
3. Work with \*A-35.
4. Evaluate/for generic/safety implications.
5. Report/results of review/evaluation of this allegation.

Status:

Review Lead: J. Harrison

Support: OI

Estimate Resources: 1/2 man day

Estimated Completion:

CLOSURE:

WATERFORD OPEN ISSUE

*Superseded  
06-14-84  
rl*

Task: A-230

Ref. No.: 4-84-A-06 No. 118

Characterization: Individual ["C"] alleged that on September 27, 1982, the review of SUS 52B identified so many documents that were incomplete and red line drawings that did not match that the review was stopped.

Initial Assessment of Significance: Allegation claims generic deficiencies in turnover packages.

Source: Individual "C"

Approach to Resolution:

1. Review <sup>turnover</sup> package<sub>3</sub> for <sup>system</sup> SUS 52B<sub>3</sub> (Exhibit 16). *also, see exhibit*
2. Review additional OCR packages for generic concern.
3. Work with \*A-35.
4. Evaluate/for generic/safety implications.
5. Report/results of review/evaluation of this allegation.

Status:

Review Lead: J. Harrison

Support: OI

Estimate Resources: 1/2 man day

Estimated Completion:

CLOSURE:

WATERFORD OPEN ISSUE

Task: A-230

Ref. No.: 4-84-A-06 No. 118

Characterization: Individual ["C"] alleged that on September 27, 1982, the review of SUS 52B identified so many documents that were incomplete and red line drawings that did not match that the review was stopped.

Initial Assessment of Significance: Allegation claims generic deficiencies in turnover packages.

[Source: Individual "C"]

Approach to Resolution:

1. Review turnover packages for system SUS 52B; also, see exhibit 16.
2. Review additional OCR packages for generic concern.
3. Work with \*A-35.
4. Evaluate/for generic/safety implications.
5. Report/results of review/evaluation of this allegation.

Status:

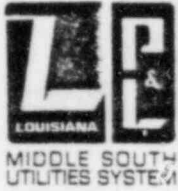
Review Lead: J. Harrison

Support: 01

Estimate Resources: 1/2 man day

Estimated Completion:

CLOSURE:



**LOUISIANA**  
POWER & LIGHT

317 BARONNE STREET • P.O. BOX 60340  
NEW ORLEANS, LOUISIANA 70160

• (504) 595-2204

October 15, 1984

J.M. CAIN  
President and  
Chief Executive Officer

W3B84-0496

Director of Nuclear Reactor Regulation  
ATTN: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555


SUBJECT: Waterford 3 SES  
Partial Response to Items  
from Waterford Review Team

- REFERENCES: 1) Letter, D.G. Eisenhut to J.M. Cain,  
"Waterford 3 Review," dated June 13, 1984
- 2) Letter W3B84-0495, J.M. Cain to D.G. Eisenhut,  
"Revised Program Plan" dated October 10, 1984

Dear Mr. Eisenhut:

The purpose of this letter is to submit a supplement to the response to Issue 2, reflecting information developed since our August 10, 1984 submittal. The information contained in this supplement was informally provided to your staff. The logic in our original response to Issue 2 remains unchanged.

The supplement has been reviewed and verified by LP&L QA in accordance with procedure QASP 19-13. The designated subcommittee of the Waterford Safety Review Committee also has reviewed the adequacy of the supplement for resolving the issues raised. The subcommittee scope of responsibility does not include independent validation of the facts.

Sincerely,  
  
J.M. Cain

JMC:DA:pbs

Attachments

~~8410170239~~ 3pp

Mr. Darrell G. Eisenhut, Director  
W3B84-0496  
October 15, 1984

Page 2

cc: Mr. R.S. Leddick

Mr. D.E. Dobson

Mr. R.F. Burski

Mr. K.W. Cook

Mr. T.F. Gerrets

Mr. A.S. Lockhart

Mr. R.P. Barkhurst

Mr. L. Constable  
USNRC - Waterford 3

Mr. J.T. Collins  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Suite 1000  
Arlington, TX 76011

Mr. D. Crutchfield  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. G. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing  
Washington, D.C. 20555

Mr. M. Peranich  
Waterford 3 Investigation and  
Evaluation Inquiry Report Team  
Leader  
4340 E.W. Hwy. MS-EWS-358  
Bethesda, MD 20114

Mr. D. Thatcher  
Waterford 3 Instrumentation & Control  
Leader  
7920 Norfolk Ave. MS-216  
Bethesda, MD 20114

Mr. L. Shao  
Waterford 3 Civil/Structure Team  
Leader  
5650 Nicholson Ln.  
Rockville, MD

Mr. J. Harrison  
Waterford 3 QA Team Leader  
Region III  
700 Roosevelt Rd.  
Glen Ellyn, IL 60137

Mr. J.E. Gagliardo  
Director of Waterford 3 Task  
Force  
Region IV  
611 Ryan Plaza Suite 1000  
Arlington, TX 76011

Mr. S. Levine  
NUS Corporation  
910 Clopper Road  
Gaithersburg, MD 20878

Mr. R.L. Ferguson  
UNC Nuclear Industries  
P.O. Box 490  
Richland, WA 99352

Mr. L.L. Humphreys  
UNC Nuclear Industries  
1200 Jadwin, Suite 425  
Richland, WA 99352

Mr. G. Charnoff  
Shaw, Pittman, Potts &  
Trowbridge  
1800 M. St. N.W.  
Washington, D.C. 20555

Dr. J. Hendrie  
50 Bellport Lane  
Bellport, NY 11713

Mr. R. Douglass  
Baltimore Gas & Electric  
8013 Ft. Smallwood Road  
Baltimore, MD 21226

Mr. M.K. Yates, Project Manager  
Ebasco Services, Inc.  
Two World Trade Center, 80th  
New York, NY 10048

Mr. R. Christesen, President  
Ebasco Services, Inc.  
Two World Trade Center  
New York, NY 10048



SUPPLEMENT TO RESPONSE TO CONCERN NO. 2

SUBMITTED AUGUST 10, 1984

DISCUSSION:

In preparation for the reinspection of N1 instrument lines conducted in response to Issue No. 1 (Inspection Personnel Issues), an inconsistency was identified between the Instrument List and a Mercury isometric drawing. A review was therefore conducted consisting of a cross-check between the Instrument List and the Mercury isometric drawings for all N1 instrument lines, and a review of Design Change Notices (DCNs) posted against either the Instrument List or the Isometric Drawings pertaining to the classification of N1 instruments. As a result of the review, the following revisions and additions to the response to Concern No. 2 submitted on August 10, 1984 (W3B84-0467) have been identified.

- ° 10 additional N1 instruments installed prior to April 7, 1982 were identified (for a total of 202 instead of 192).
- ° Of the 10 additional N1 instruments identified, eight are cabinet mounted (for a total of 110 instead of 102) and two are locally mounted.
- ° The eight additional cabinet mounted N1 instruments identified underwent QAIRG review and full documentation is available.
- ° Four cabinet mounted and the two additional locally mounted N1 instruments identified were installed with ASME III/ANSI B31.1 class breaks, and will be reworked to ASME Code requirements.

There is no change to the previously stated Cause, Generic Implications and Safety Significance.

CORRECTIVE ACTION PLAN/SCHEDULE:

The 12 N1 instrument installations noted in the original response plus the six additional N1 instrument (four cabinet mounted/two locally mounted) will be reworked to ASME Code requirements before fuel load.