

8/28

Changes on
p. 2 as
noted
for Rev. 4

REVISION 3
07/11/84

SSER

Task: Allegation A-132

Reference No.: 4-84-A-06/27

Characterization: It is alleged that the J. A. Jones Construction Company used a form of communication called "speed letters" to report information that should have been reported in deficiency notices (DNs) and possibly in nonconformance reports (NCRs).

Assessment of Allegation: The implied significance of this allegation is that "speed letters" are not quality assurance (QA) documents and do not receive an EBASCO QA review.

In order to determine the validity and significance of the allegation, the NRC staff reviewed J. A. Jones speed letters numbered 0001 through 1122 covering the period of November 1977 to October 1980. These speed letters had been transmitted to EBASCO engineering personnel and concerned J. A. Jones concrete work performed in the reactor containment building (RCB), reactor auxiliary building (RAB), fuel handling building (FHB), and concrete basemat. The NRC staff also interviewed EBASCO QA and engineering personnel regarding the use of speed letters.

The majority of the J. A. Jones speed letters reviewed by the NRC staff were related to the logistics of work schedules and performance; however, the staff discovered some speed letters involving deviations from, or changes to, the original design specifications. Examples of deviations and field design changes included; a pilaster 5" too high and requiring modification, slight shifting of reinforcing steel locations, and the use of Cadwelding kits on reinforcing steel sizes other than those sizes for which the kit was made. (See the NRC staff's assessment of Allegation A-171).

The NRC staff's interviews with EBASCO QA personnel revealed that the QA personnel were aware of potential problems regarding the misuse of speed letters, and that QA personnel also believed that the Engineering Information Request (EIR) document was possibly being misused. EBASCO QA personnel informed the NRC staff that they were in the process of conducting a review to identify potential problems regarding the use of speed letters and the misuse of EIRs. In a memorandum dated February 20, 1984, the EBASCO QA Site Supervisor requested that the EBASCO Site Support Engineering (ESSE) Supervising Engineer review the J. A. Jones speed letters and EIRs. The results of an ESSE cursory review were themselves presented in a speed letter of January 27, 1984. Another EBASCO speed letter of February 18, 1984, substantiated that design changes had been the subject of some of the J. A. Jones speed letters and EIRs reviewed. Although EBASCO itself had used speed letters instead of the required QA documentation to relay this information, they accurately pointed out that a review of Field

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Change Requests (FCRs) and Design Change Notifications (DCNs) would have to be performed to determine if the issues presented in the J. A. Jones speed letters were also correctly addressed in the required QA documentation.

The NRC staff review determined that some of the J. A. Jones speed letters and EIRs addressed areas where DNS, NCRs, or FCRs should have been required by the existing QA program, and that EBASCO QA personnel were aware of these discrepancies in the QA ~~procedures~~, *practices*

This allegation has no safety significance based on the staff's preliminary findings; however, the generic implications involving the use of documents outside the formal QA program require action by LP&L.

Potential Violations: ~~None, based on preliminary findings.~~ When EBASCO's review of the speed letters and EIRs files, and LP&L's review and followup are complete, the NRC staff will determine if a violation of QA procedures occurred. However, the staff's review indicated that the vast majority of the items addressed in the J. A. Jones speed letters involved situations with negligible impact on structural integrity or plant safety.

Actions Required: See Item No. 14 of the Enclosure to the letter from D. Eisenhower to J. M. Cain (LP&L), June 13, 1984.

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8. EBASCO Services Incorporated Procedure for Control of Information Requests Between EBASCO and Site Contractors.

Statement Prepared By:

J. Strosnider

Date

Reviewed By:

Team Leader

Date

Reviewed By:

Site Team Leader(s)

Date

Approved By:

Task Management

Date

Document Name:
SSER A-132

Requestor's ID:
CONNIE

Author's Name:

Document Comments:
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JOYCE

Author's Name:

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Request (EIR) document was possibly being misused. EBASCO QA personnel informed the NRC staff that they were in the process of conducting a review to

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Statement Prepared By: _____
J. Strosnider Date

Reviewed By: _____
Team Leader Date

Reviewed By: _____
Site Team Leader(s) Date

Approved By: _____
Task Management Date

Document Name:
SSER A-132

Requestor's ID:
JOHNNIE

Author's Name:

Document Comments:
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Between EBASCO and Site Contractors.

Statement Prepared By:

J. Strosnider

Date

Reviewed By:

Team Leader

Date

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Site Team Leader(s)

Date

Approved By:

Task Management

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LP&L is reviewing these,
not the staff. Follow up
by the NRC staff may
occur at a later date
to verify the adequacy of
LP&L's effort.

Allegation A-132

Stewart
8/15/84

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Statement Prepared By: J. Strosnider Date

Reviewed By: Date
Team Leader

Reviewed By: Date
Site Team Leader(s)

Approved By: Date
Task Management

Document Name:

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Requestor's ID:

JOYCE

Author's Name:

Document Comments:

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Retype Rev. 3 (final)

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of page 1.*

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07/11/84

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J. Strosnider

Date

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Task Management

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J. Strosnider _____ Date _____

Reviewed By: _____
Team Leader _____ Date _____

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Task Management _____ Date _____

Document Name:

SSER A-132

Requestor's ID:

CONNIE

Author's Name:

FINAL SSER ROUTING

A132

Revision :	0	1	2	3
Denny Crutchfield	<i>[Signature]</i>			
Jim Gagliardo				

FINAL SSER ROUTING

A-132

Revision :	0	1	2	3
Denny Crutchfield	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
Jim Gagliardo	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	

A-132, REV. 2, 6/27/84

RETYPE REV 3 (FINAL)

DO NOT REROUTE

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6/29/84

SSER

Task: Allegation A-132

Reference No.: 4-84-A-06/27

Characterization: It is alleged that the J. A. Jones Construction Company used a form of communication called "speed letters" to report information that should have been reported in deficiency notices (DNs) and possibly in nonconformance reports (NCRs).

Assessment of Allegation: The implied significance of this allegation is that "speed letters" are not quality assurance (QA) documents and do not receive an EBASCO QA review.

In order to determine the validity and significance of the allegation, the NRC staff reviewed J. A. Jones speed letters numbered 0001 through 1122 covering the period of November 1977 to October 1980. These speed letters had **BEEN** transmitted to EBASCO engineering personnel and concerned J. A. Jones concrete work performed in the reactor containment building (RCB), reactor auxiliary building (RAB), fuel handling building (FHB), and concrete basemat. The NRC staff also interviewed EBASCO QA and engineering personnel regarding the use of speed letters.

The majority of the J. A. Jones speed letters reviewed by the NRC staff were related to the logistics of work schedules and performance ; however, the staff discovered some speed letters involving deviations from, or changes to, the original design specifications. Examples of deviations and field design changes included ; a pilaster 5" too high and requiring modification, slight shifting of reinforcing steel locations, and the use of Cadwelding kits on reinforcing steel sizes other than those sizes for which the kit was made. (See the NRC staff's assessment of Allegation A-171).

The NRC staff's interviews with EBASCO QA personnel revealed that the QA personnel were aware of potential problems regarding the misuse of speed letters, and that QA personnel also believed that the Engineering Information Request (EIR) document was possibly being misused. EBASCO QA personnel informed the NRC staff that they were in the process of conducting a review to

identify potential problems regarding the use of speed letters and the misuse of EIRs. In a memorandum dated February 20, 1984, the EBASCO QA Site Supervisor requested that the EBASCO Site Support Engineering (ESSE) Supervising Engineer review the J. A. Jones speed letters and EIRs. The results of an ESSE cursory review were themselves presented in a speed letter of January 27, 1984. Another EBASCO speed letter of February 18, 1984, substantiated that design changes had been the subject of some of the J. A. Jones speed letters and EIRs reviewed. Although EBASCO itself had used speed letters instead of the required QA documentation to relay this information, they accurately pointed out that a review of Field Change Requests (FCRs) and Design Change Notifications (DCNs) would have to be performed to determine if the issues presented in the J. A. Jones speed letters were also correctly addressed in the required QA documentation.

The NRC staff review determined that some of the J. A. Jones speed letters and EIRs addressed areas where DNs, NCRs, or FCRs should have been required by the existing QA program, and that EBASCO QA personnel were aware of these discrepancies in the QA procedures.

This allegation has no safety significance based on the staff's preliminary findings; however, the generic implications involving the use of documents outside the formal QA program require action by LP&L.

Potential Violations: None, based on preliminary findings. When EBASCO's review of the speed letters and EIRs files, and LP&L's review and followup are complete, the NRC staff will determine if a violation of QA procedures occurred. However, the staff's review indicated that the vast majority of the items addressed in the J. A. Jones speed letters involved situations with negligible impact on structural integrity or plant safety.

Actions Required: See Item No. 14 of the Enclosure to the letter from D. Eisenhut to J. M. Cain (LP&L), June 13, 1984.

References

1. EBASCO Services Incorporated Procedure for Inspection and Test Status, WQC-150, Revision 3, November 9, 1983 with Amendments 1 and 2.
2. EBASCO Services Incorporated Procedure for Processing of Nonconformances, ASP-III-2, Issue J, December 9, 1983 with Amendment 1.
3. EBASCO Services Incorporated Procedure for Design Change Notice and Field Change Request E-69, February 20, 1983.
4. EBASCO Services Incorporated Procedure for Design Control ASP-I-4, Issue K, June 7, 1983.
5. J. A. Jones/EBASCO "Speed Letters" numbered 0001 through 1122 and written during the period from November 18, 1977 to October 15, 1980 (examples included).
6. Letter from Mr. Sam Horton, EBASCO QA Site Supervisor, to Mr. Brian Grant, Civil EBASCO Site Services Engineering Supervising Engineer, February 20, 1984. Subject: Design Review of J. A. Jones Construction Company's Engineering Information Requests and Three Part Memos.

7. Speed Letters from Mr. Brian Grant to Mr. Sam Horton dated February 18, 1984 and February 27, 1984. Subject: Review of J. A. Jones Speed Letters and Review of J. A. Jones IR's, respectively.
8. EBASCO Services Incorporated Procedure for Control of Information Requests Between EBASCO and Site Contractors.

Statement Prepared By: _____
J. Strosnider _____ Date _____

Reviewed By: _____
Team Leader _____ Date _____

Reviewed By: _____
Site Team Leader(s) _____ Date _____

Approved By: _____
Task Management _____ Date _____