

SSER

Task: Allegations A-158 and 272

Reference Number: A-84-A-06/53 and 154

Characterization: In an internal Ebasco memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of Ebasco quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence on records of the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged, based on the above, that the scope of the QA review should have been expanded.

Assessment of Allegation: LP&L, as a result of a September 21, 1983, memorandum (File Reference W3 - QA-26572), undertook a 100% review of the concrete placement packages. This included J. A. Jones QA/QC documentation. As a result of this review thirty-three NCRs, each addressing multiple placements, were generated to address the deficiencies. LP&L also performed a 100% review of soils packages for completeness with 50% review for technical accuracy (see Allegation A-138/159).

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Based on its review, the NRC staff concluded that the expanded review of quality records performed by LP&L was adequate. Although some records were determined to be missing or incomplete, the extent was determined not to be significant. Consequently, the allegation has no safety significance and its generic implications are addressed in the other referenced allegations.

The NRC staff conducted an inspection of each of the four areas of concern, mentioned in the Ebasco internal memorandum. The findings of this inspection effort are documented in the SSER sections for the following allegations:

1. Allegations A-110/130/148.
2. Allegation A-112/131/269.
3. Allegations A-106/108/133/156.
4. No specific review was conducted by the NRC staff in connection with this concern; however, the NRC staff has conducted an overall safety review of Cadwelding. (see SSER of Allegation A-146/157).

The safety impact, generic implications, and the staff's conclusions are detailed in the SSER of each of the above SSER sections.

Potential Violations: Violations involving missing or incomplete documentation will be included in the specific SSER section referenced.

Actions Required: See specific SSER sections referenced.

References:

1. Memorandum from J. D. Czyrko to L. A. Stinson, W3QAIRG-540, dated June 9, 1983.
2. Memorandum from G. Hill to J. Czyrko, dated June 6, 1983.
3. Memorandum from J. D. Davis to M. Burgan, dated December 9, 1982.
4. Memorandum from J. D. Davis to R. S. Leddick, dated December 22, 1983.
5. Letter from R. S. Leddick of LP&L to D. G. Eisenhut of NRC, dated April 21, 1984.
6. Memorandum from A. Cutrona to R. Milhiser, dated September 21, 1983.
7. See SSERs A-106, A-108, A-110, A-112, A-130, A-131, A-133, A-145, A-146, A-148, A-156, A-157, and A-269.

This statement prepared by	_____	_____
	N. C. Chokshi	Date
Reviewed by:	_____	_____
	Team Leader	Date
Reviewed by:	_____	_____
	Site Team Leader(s)	Date
Approved by:	_____	_____
	Task Management	Date

Document Name:

SSER X A-158

Requestor's ID:

JOYCE

*Final*

Author's Name:

N. C. Chokshi

Document Comments:

A-272

SSER

Task: Allegations A-158 and 272

Reference Number: A-84-A-06/53 and 154

Characterization: In an internal Ebasco memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of Ebasco quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence on records of the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged, based on the above, that the scope of the QA review should have been expanded.

Assessment of Allegation: LP&L, as a result of a September 21, 1983, memorandum (File Reference W3 - QA-26572), undertook a 100% review of the concrete placement packages. This included J. A. Jones QA/QC documentation. As a result of this review thirty-three NCRs, each addressing multiple placements, were generated to address the deficiencies. LP&L also performed a 100% review of soils packages for completeness with 50% review for technical accuracy (see Allegation A-138/159).

Based on its review, the NRC staff concluded that the expanded review of quality records performed by LP&L was adequate. Although some records were determined to be missing or incomplete, the extent was determined not to be significant. Consequently, the allegation has no safety significance and its generic implications are addressed in the other referenced allegations.

The NRC staff conducted an inspection of each of the four areas of concern, mentioned in the Ebasco internal memorandum. The findings of this inspection effort are documented in the SSER sections for the following allegations:

1. Allegations A-110/130/148.
2. Allegation A-112/131/269.
3. Allegations A-106/108/133/156.
4. No specific review was conducted by the NRC staff in connection with this concern; however, the NRC staff has conducted an overall safety review of Cadwelding. (see SSER of Allegation A-146/157).

The safety impact, generic implications, and the staff's conclusions are detailed in the SSER of each of the above SSER sections.

[ Potential Violations: Violations involving missing or incomplete documentation will be included in the specific SSER section referenced. ]

Actions Required: See specific SSER sections referenced.

References:

1. Memorandum from J. D. Czyrko to L. A. Stinson, W3QAIRG-540, dated June 9, 1983.
2. Memorandum from G. Hill to J. Czyrko, dated June 6, 1983.
3. Memorandum from J. D. Davis to M. Burgan, dated December 9, 1982.
4. Memorandum from J. D. Davis to R. S. Leddick, dated December 22, 1983.
5. Letter from R. S. Leddick of LP&L to D. G. Eisenhut of NRC, dated April 21, 1984.
6. Memorandum from A. Cutrona to R. Milhiser, dated September 21, 1983.
7. See SSERs A-106, A-108, A-110, A-112, A-130, A-131, A-133, A-145, A-146, A-148, A-156, A-157, and A-269.

This statement prepared by	_____	_____
	N. C. Chokshi	Date
Reviewed by:	_____	_____
	Team Leader	Date
Reviewed by:	_____	_____
	Site Team Leader(s)	Date
Approved by:	_____	_____
	Task Management	Date

Document Name:  
A-158

Requestor's ID:  
JOHNNIE

Author's Name:  
SHEWMAKER/jkh

Document Comments:  
Waterford Open Issue - A-158



Document Name: *file*  
SSER X A-158

Requestor's ID:  
JOYCE

Author's Name:  
N. C. Chokshi

Document Comments:  
A-272

SSER

Task: Allegations A-158 and 272

Reference Number: A-84-A-06/53 and ~~4-84-A-06~~ 154

Characterization: In an internal Ebasco memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of Ebasco quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence on records of the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged that based on the above <sup>that</sup> the scope of the QA review should have been expanded.

Assessment of Allegation: LP&L, as a result of a September 21, 1983, memorandum (File Reference W3 - QA-26572), undertook a 100% review of the concrete placement packages. This included J. A. Jones QA/QC documentation. As a result of this review thirty-three NCRs, each addressing multiple placements, were generated to address the deficiencies. LP&L also performed a 100% review of soils packages for completeness with 50% review for technical accuracy (see Allegation A-138/159).

Based on its review, the NRC staff concluded that the expanded review of quality records performed by LP&L was adequate. Although some records were determined to be missing or incomplete, the extent was determined not to be significant. Consequently, the allegation has no safety significance and its generic implications are addressed in the other referenced allegations.

The NRC staff conducted an inspection of each of the four areas of concern, mentioned in the Ebasco internal memorandum. The findings of this inspection effort are documented in the SSER sections for the following allegations:

1. Allegations A-110/130/148.
2. Allegation A-112/131/269.
3. Allegations A-106/108/133/156.
4. No specific review was conducted by the NRC staff in connection with this concern; however, the NRC staff has conducted an overall safety review of Cadwelding. (see SSER of Allegation A-146/157).

The safety impact, generic implications, and the staff's conclusions are detailed in the SSER of each of the above SSER sections.

Potential Violations: Violations involving missing or incomplete documentation will be included in the specific SSER section referenced.

Actions Required: See specific SSER sections referenced.

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7. See SSERs A-106, A-108, A-110, A-112, A-130, A-131, A-133, A-145, A-146, A-148, A-156, A-157, and A-269.

This statement prepared by	_____	_____
	N. C. Chokshi	Date
Reviewed by:	_____	_____
	Team Leader	Date
Reviewed by:	_____	_____
	Site Team Leader(s)	Date
Approved by:	_____	_____
	Task Management	Date

Document Name:  
SSER X A-158

Requestor's ID:  
JOYCE

Author's Name:  
N. C. Chokshi

Document Comments:  
A-272

A-158, Rev 2, 6/27/84

RETYPE REV3 (FINAL)

DO NOT  
REROUTE  
6/29

FINAL SSER ROUTING

A-158

Revision :	0	1	2	3
Denny Crutchfield				
Jim Gagliardo	11/13		11/21	

FINAL SSER ROUTING

A-158

Revision :	0	1	2	3
Denny Crutchfield	11/13	11/21		
Jim Gagliardo				

SSER

Task: Allegations A-158 and 272

Reference Number: A-84-A-06/53 and ~~4-84-A-06~~ 154

Characterization: In an internal Ebasco memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of Ebasco quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
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4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged ~~that~~ based on the above <sup>that</sup> the scope of the QA review should have been expanded.

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Based on its review, the NRC staff concluded that the expanded review of quality records performed by LP&L was adequate. Although some records were determined to be missing or incomplete, the extent was determined not to be significant. Consequently, the allegation has no safety significance and its generic implications are addressed in the other referenced allegations.

The NRC staff conducted an inspection of each of the four areas of concern, mentioned in the Ebasco internal memorandum. The findings of this inspection effort are documented in the SSER sections for the following allegations:

1. Allegations A-110/130/148.
2. Allegation A-112/131/269.
3. Allegations A-106/106/133/156.
4. No specific review was conducted by the NRC staff in connection with this concern; however, the NRC staff has conducted an overall safety review of Cadwelding. (see SSER of Allegation A-146/157).

The safety impact, generic implications, and the staff's conclusions are detailed in the SSER of each of the above SSER sections.

Potential Violations: Violations involving missing or incomplete documentation will be included in the specific SSER section referenced.

Actions Required: See specific SSER sections referenced.

References:

1. Memorandum from J. D. Czyrko to L. A. Stinson, W3QAIRG-540, dated June 9, 1983.
2. Memorandum from G. Hill to J. Czyrko, dated June 6, 1983.
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7. See SSERs A-106, A-108, A-110, A-112, A-130, A-131, A-133, A-145, A-146, A-148, A-156, A-157, and A-269.

This statement prepared by	_____	_____
	N. C. Chokshi	Date
Reviewed by:	_____	_____
	Team Leader	Date
Reviewed by:	_____	_____
	Site Team Leader(s)	Date
Approved by:	_____	_____
	Task Management	Date



WATERFORD OPEN ISSUE

Task: A-158, A-272

Reference No.: 4-84-A-06-53 and 154

Characterization: In an internal EBASCO memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of EBASCO quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence on records of the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged, based on the above, that the scope of the QA review should have been expanded.

Initial Assessment of Significance: No specific assessment of the safety significance can be made without more detailed information which can only be made available with more effort.

Source: Allegor["A,"] transcript page 148, and Allegor["C,"] Exhibit 43

Approach to Resolution:

1. Review internal memorandums addressing these issues.
2. Review the appropriate EBASCO and J. A. Jones Construction Company procedures.
3. Review referenced DNs, DRs, NCRs, and other documents which will provide information on the problems related to documentation.
4. Review samples from various work activities for conformance with project requirements.

5. Evaluate the facts and provide conclusions.
6. Prepare SSER.

Status:

Review Lead: L. Shao, Civil-Structural

Support: None.

Estimated Resources: 2 man-weeks

Estimated Completion: May 25, 1984

CLOSURE:

Document Name:

A-158

Requestor's ID:

JOHNNIE

Author's Name:

SHEWMAKER/jkh

Document Comments:

Waterford Open Issue - A-158

Retype Draft 2

Shewmaker

WATERFORD OPEN ISSUE

Task: A-158, A-272

Reference No.: 4-84-A-06-53 and 154

Characterization: In an internal EBASCO memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of EBASCO quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence <sup>of</sup> ~~on~~ records <sup>on</sup> ~~of~~ the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged, based on the above <sup>information</sup>, that the scope of the QA review should have been expanded.

Initial Assessment of Significance: No specific assessment of the safety significance can be made without more detailed information which can only be made available with more effort.

Source: Alleger["A,"] transcript page 148, and Alleger["C,"] Exhibit 43

Approach to Resolution:

1. Review internal memorandums addressing these issues.
2. Review the appropriate EBASCO and J. A. Jones Construction Company procedures.
3. Review referenced DNs, DRs, NCRs, and other documents which will provide information on the problems related to documentation.
4. Review samples from various work activities for conformance with project requirements.

5. Evaluate the facts and provide conclusions.
6. Prepare SSER.

Status:

Review Lead: L. Shao, Civil-Structural

Support: None.

Estimated Resources: 2 man-weeks

Estimated Completion: May 25, 1984

CLOSURE:

Draft #1

Stewmaker  
7/12/84

WATERFORD OPEN ISSUE

Task: A-158, A-272

Ref. No.: 4-84-A-06-53 and 154

CAPS

Characterization: In an internal Ebasco memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of <sup>CAPS</sup> Ebasco quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
2. The absence on records of the identification of an authorized individual and a date when records were supplemented or corrections made.
3. Noticeable differences in several signatures or initials on the daily Cadweld inspection reports as recorded in Nonconformance Report (NCR) No. W3-6245.
4. A majority of the Cadweld records lacked the initials, date, and stamp of the QA reviewer.

It is alleged, based on the above, that the scope of the QA review should have been expanded.

Initial Assessment of Significance: No specific assessment of the safety significance can be made without more detailed information which can only be made available with more effort.

Source: Allegor [A<sub>1</sub>] transcript page 148 and Allegor [C], Exhibit 43

Approach to Resolution:

1. Review internal memorandums addressing these issues.
2. Review the appropriate EBASCO and J.A. Jones Construction Company procedures.
3. Review referenced DNs, DRs and NCRs and other documents which will provide information on the problems related to documentation.
4. Review samples <sup>from</sup> ~~for~~ various work activities for conformance ~~to~~ with project requirements.
5. Evaluate the facts and provide conclusions.

Status: 6. Prepare SSER

Review Lead: L. Shao, Civil-Structural

Support: None

Estimate Resources: 2 man weeks

Estimated Completion: May 25, 1984

CLOSURE:

WATERFORD OPEN ISSUE

Task: A-158, A-272

Reference No.: 4-84-A-06-53 and 154

Characterization: In an internal EBASCO memorandum dated June 9, 1983, concerns were raised regarding J. A. Jones Construction Company quality assurance/quality control (QA/QC) documentation. The following four areas were identified as areas of concern:

1. The lack of certification of EBASCO quality control (QC) inspectors responsible for monitoring the installation of safety-related work by J. A. Jones.
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It is alleged, based on the above information, that the scope of the QA review should have been expanded.

Initial Assessment of Significance: No specific assessment of the safety significance can be made without more detailed information which can only be made available with more effort.

Source: Alleger ["A,"] transcript page 148, and Alleger "C," Exhibit 43

Approach to Resolution:

1. Review internal memorandums addressing these issues.
2. Review the appropriate EBASCO and J. A. Jones Construction Company procedures.
3. Review referenced DNs, DRs, NCRs, and other documents which will provide information on the problems related to documentation.
4. Review samples from various work activities for conformance with project requirements.



5. Evaluate the facts and provide conclusions.
6. Prepare SSER.

Status:

Review Lead: L. Shao, Civil-Structural

Support: None.

Estimated Resources: 2 man-weeks

Estimated Completion: May 25, 1984

CLOSURE: