

SSER

Task: Allegation A-111

*Superseded by Rev. 2*

Reference No.: 4-84-A-06-6

*6/28/84*

Characterization: It is alleged that specifications and procedures used as acceptance criteria for concrete work were frequently ignored by J. A. Jones personnel.

Assessment of Allegation: The NRC staff independently reviewed 20 of 28 concrete basemat placement packages. The staff review of the 20 placements specifically sampled the first three blocks (blocks 1, 2, and 6) placed, since these placements preceded the Stop Work Order which was issued to achieve corrective action of improper placement activities. The NRC staff found several violations of specifications and procedures during this review, including:

- o Out-of-tolerance concrete test results (air content, slump, mixing time, mixer revolutions, volume of water added),
- o concrete testing frequency,
- o vibrating (concrete and reinforcing steel),
- o excessive movement of concrete,
- o excessive lift height, and
- o concrete curing documentation.

The NRC staff review of J. A. Jones records of the basemat placement packages showed that these violations were identified by EBASCO Quality Assurance (QA) in various placement packages. When a violation was identified, immediate corrective action was taken in the field, when possible. A discrepancy notice (DN), and when necessary a nonconformance report (NCR), was written to document the violation and to establish appropriate corrective action. If the violation involved a change in the original design specification, a field change request (FCR) or a design change notice (DCN) was written to address the violation. For further discussion on the above violations, refer to Allegations 139/140.

Although specifications and procedures were violated during concrete placements, each violation was identified and documented by EBASCO QA, and corrective actions were taken.

Based on its review, the NRC staff has concluded that the quality control of the concrete placements was adequate in achieving construction quality. The NRC staff consultant made an independent evaluation of the construction activities and reached the same basic conclusion that the construction of the basemat was adequate to ensure the safety of the structure (See Appendix ).

This allegation has neither safety significance nor generic implications.

[ Potential Violations: None. ]

Actions Required: None.

#### References

1. Ebasco Specification LOU-1564.472.
2. J. A. Jones Procedures W-WP-7 and W-SITP-7.
3. Basemat Placement Packages; 499S01-15, 499S01-14A, 499S01-11A, 499S02-9A, 499S02-7B, 499S02-7A, 499S02-8A, 499S02-10B, 599S02-8B, 499S02-5B, 499S02-4, 499S02-5A, 499S02-10A, 499S02-1, 499S02-6, 499S02-2, 499S02-9B, 499S03-16, 499S03-17, 499S03-11B.
4. DNs, NCRs, FCRs, and DCNs addressed in the above listed placements.

Statement Prepared By: \_\_\_\_\_

John K. Devers

\_\_\_\_\_  
Date

\_\_\_\_\_  
N. L. Chokshi

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Date

Reviewed By:

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Team Leader

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Approved By:

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Task Management

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Date

Document Name:  
SSER A-111

Requestor's ID:  
PATTYN

Author's Name:

Document Comments:

FINAL  
6.19.84

A-III-REV 1, 6/19/84

FINAL REVISION MUST ADD  
APPENDIX REFERENCE, PAGE 24.

FINAL SSER ROUTING				
Revision :	0	1	2	3
Denny Crutchfield				
✓ Jim Gagliardo	✓			

  

FINAL SSER ROUTING				
Revision :	0	1	2	3
✓ Denny Crutchfield	DMC 6/7			
Jim Gagliardo	✓	6/14		

~~A-III-REV 1, 6/6/84~~  
FILE FINAL  
~~RETIRE CORRECTIONS AND~~  
~~REROUTE TO JG/DC.~~

A-III, REV 1, 6/19/84

FOR FINAL REVISION, REFERENCE  
TO APPENDIX MUST BE  
SUPPLIED  
BILL

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Potential Violations: None.

Actions Required: None.

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