

J. A. JONES CONSTRUCTION COMPANY

CONSTRUCTION WORK PROCEDURE

FOR

HANDLING, STORAGE, INSTALLATION
AND MODIFICATION OF REBAR

WATERFORD SES UNIT NO. 3
CONTRACT NO. W3-NY-4

REV.	DATE	ENGINEERING APPROVED BY	DATE	QUALITY ASSURANCE APPROVED BY	DATE	CONSTRUCTION APPROVED BY	DATE
0	10/1/75	<i>At Raulst</i>	10/2/75	<i>RL Schaefer</i>	10/2/75	<i>Les Terry</i>	10/2/75

FREEDOM OF INFORMATION
ACT REQUEST

84-455

C/674

8506220160 850222
PDR FOIA PDR
GARDEB4-455

CONSTRUCTION WORK PROCEDURE	PROCEDURE NO. W-WP-4
TITLE: Handling, Storage, Installation and Modification of Rebar	REV. NO 0 & DATE: 9/30/75
PROJECT TITLE: Waterford SES Unit No. 3 Contract No. W3-NY-4	
<p>1.0 <u>Purpose</u></p> <p>To outline methods used by J. A. Jones and Subcontractor to handle, store install and splice reinforcing steel.</p> <p>2.0 <u>Scope</u></p> <p>This procedure includes the proper references to be used by J. A. Jones and Subcontractors to comply with specifications and drawings. The utilization of records necessary to provide traceability is also part of this procedure.</p> <p>3.0 <u>References</u></p> <p>3.1 Ebasco Specification LOU-1564.473 "Concrete Reinforcing Steel Furnishing, Fabrication and Delivery".</p> <p>3.2 Ebasco Specification LOU-1564.479 "Mechanical Splicing of Concrete Reinforcing Steel - Seismic Class 1".</p> <p>3.3 ACI 318-71 "Building Code Requirements for Reinforced Concrete".</p> <p>3.4 J. A. Jones W-WP-3 "Qualification of Welders".</p> <p>3.5 Ebasco Procedure C 15.1.1 "Material Receiving, Warehousing and Control".</p> <p>3.6 J. A. Jones Procedure POP-N-404 "Shipping and Receiving".</p> <p>3.7 J. A. Jones Procedure POP-N-405 "Storage, Handling and Issuance of Items".</p> <p>3.8 J. A. Jones Procedure POP-N-712 "Inspection of Incoming Material".</p> <p>3.9 Approved construction drawings.</p> <p>3.10 ERICO Products Company publication RB10M974.</p> <p>4.0 <u>Responsibilities</u></p> <p>4.1 Ebasco Services Incorporated is responsible for supplying reinforcing steel, ERICO Cadweld Splice Kits and testing services and records necessary to support J. A. Jones and Subcontractor work activities. See references 3.1, 3.2 and 3.5 above.</p>	

CONSTRUCTION WORK PROCEDURE	PROCEDURE NO. W-WP-4
TITLE: Handling, Storage, Installation and Modification of Rebar	REV. NO 0 & DATE: 9/30/75
PROJECT TITLE: Waterford SES Unit No. 3 Contract No. W3-NY-4	
<p>4.2 J. A. Jones and Subcontractors are responsible for handling, installation, splicing and modifications to reinforcing steel as required by references 3.1 through 3.9. Qualified personnel per reference 3.4 shall be utilized for cadweld splicing operations. Compliance with "Approval for construction drawings is mandatory". Line and grade designations shall be adhered to.</p> <p>5.0 <u>Definitions</u></p> <p>None</p> <p>6.0 <u>Procedure</u></p> <p>6.1 Owner furnished reinforcing steel, cadweld splice kits and weld filler material will not be received by J. A. Jones without evidence of prior acceptance by Ebasco Services Incorporated. J. A. Jones nor Subcontractors are liable for nonconforming materials or shortages received from Ebasco. Ebasco is responsible for receipt inspection activity. Nonconforming materials will be rejected and returned to Ebasco for disposition. See references 3.2 and 3.5.</p> <p>6.1.1 Handling of materials received from Ebasco shall be in accordance with standard construction practices.</p> <p>6.1.2 Storage of reinforcing steel received from Ebasco will be in accordance with reference 3.5.</p> <p>6.1.3 Cadweld splice kits and weld filler materials shall be stored and protected by Ebasco. Withdrawal by J. A. Jones and Subcontractors will be on an "as needed" basis. Withdrawals shall be in accordance with reference 3.5 procedure.</p> <p>6.2 Installation of reinforcing steel and cadweld splicing shall be performed in accordance with references 3.1, 3.3 and 3.4. Production and sister splices shall be made in accordance with the above reference.</p> <p>6.2.1 Ebasco shall be responsible for the testing of sister and production splices and providing J. A. Jones with copies of the results. J. A. Jones shall maintain attachment 7.1 for the duration of the job.</p>	

CONSTRUCTION WORK PROCEDURE	PROCEDURE NO. W-WP-4
TITLE: Handling, Storage, Installation and Modification of Rebar	REV. NO 0 & DATE: 9/30/75
PROJECT TITLE: Waterford SES Unit No. 3 Contract No. W3-NY-4	
<p>6.2.2 Cadweld splices shall be performed and mapped in accordance with "Approved Construction Drawings". J. A. Jones shall maintain on "as built" set of drawings showing cadweld locations and identification of individual splices.</p> <p>6.2.3 J. A. Jones shall prepare and maintain daily and weekly cadweld test reports for the life of the job using attachments 7.2 and 7.3 respective by.</p> <p>6.2.4 Only previously approved construction drawings shall be used for construction.</p> <p>6.2.5 Prior to placing of reinforcing steel all loose mill scale, dirt, grease or other contaminants shall be removed.</p> <p>6.2.6 Marking of each cadweld to insure identification of splicer shall be performed at the completion of each splice. Weld splicer identification stamps shall be in characters not less than 3/8 inch heighth. splicer stamp number shall be placed within one inch of the sleeve on the reinforcing steel.</p> <p>6.2.7 Preparation of reinforcing steel ends for cadwelding shall be in accordance with references 3.1 and 3.10.</p> <p>6.3 Modifications to reinforcing steel requiring cutting shall be by sawing, shearing, grinding or flame cutting.</p> <p>6.3.1 Reforming of bars if required shall be by cold bending.</p> <p>6.4 Errors, omissions or other deficiencies in cut sheets and drawings are not the responsibility of J. A. Jones or Subcontractors. Discrepancies noted during review or at the time of placement shall be brought to the attention of Ebasco for resolution.</p>	

CONSTRUCTION WORK PROCEDURE	PROCEDURE NO. W-WP-4
TITLE: Handling, Storage, Installation and Modification of Rebar	REV. NO 0 & DATE: 9/30/75
PROJECT TITLE: Waterford SES Unit No. 3 Contract No. W3-NY-4	
<p>7.0 <u>Attachments</u></p> <p>7.1 Destructive Testing Progress for Cadweld Splices.</p> <p>7.2 Daily Cadweld Inspection Report.</p> <p>7.3 Weekly Cadweld or Rebar Test Report.</p>	

PROJECT NO. _____
RECORD OF TESTS
FOR OPERATOR/CREW _____

DESTRUCTIVE TESTING PROGRESS FOR CADWELD SPLICES

SPEC NO. _____
SHEET OF _____

[illegible]

DAILY CADWELD INSPECTION REPORT

QUALITY CONTROL INSPECTOR:

DATE:

PAGE:

[illegible]

• For at least 1 year only

S – Satisfactory
U – Unsatisfactory

Attach
W-WP-4

Attachment 7.2
W=WP-4