

J. A. JONES CONSTRUCTION COMPANY  
SITE INSPECTION AND TEST PROCEDURE  
FOR  
WATERSTOP INSPECTION

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

REV.	DATE	ENGINEERING REVIEWED BY	DATE	CONSTRUCTION REVIEWED BY	DATE	QUALITY ASSURANCE APPROVED BY	DATE
0	10/13/75	al Prince	10/14/75	Les Terry	10/14/75	Phillip L. L. L. L. L.	10/14/75

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**FREEDOM OF INFORMATION  
ACT REQUEST**

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SITE INSPECTION AND TEST PROCEDURE:	PROCEDURE NO. W-SITP-8
TITLE: WATERSTOP INSPECTION	REV. NO.0 DATE:10/13/75
PROJECT TITLE: WATERFORD SES UNIT NO. 3 CONTRACT NO. W3-NY-4	

1.0 PURPOSE

To specify the inspections and examinations that will be performed by J. A. Jones Quality Assurance personnel to assure that waterstops are in accordance with contract drawings and specifications.

2.0 SCOPE

This procedure covers the handling and installation of waterstops for Waterford SES Unit No. 3, Phase I Concrete Construction.

3.0 REFERENCES

3.1 Ebasco Services, Inc. Specification No. LUU-1564.476, latest revision, "Waterstops".

3.2 J. A. Jones Construction Work Procedure No. W-WP-8, "Handling and Installation of Waterstops".

4.0 RESPONSIBILITIES

4.1 Ebasco is responsible for supplying factory spliced waterstops and the materials for field made splices, with the proper certifications as required by Reference 3.1. In addition, Ebasco is responsible for testing in accordance with Reference 3.1.

4.2 J. A. Jones is responsible for the proper handling, splicer training, splicing and installation of waterstops as required by Reference 3.1 and 3.2 and in accordance with approved construction drawings. J. A. Jones is also responsible for the taking of "test units" for delivery to Ebasco for testing per Reference 3.1.

4.3 J. A. Jones Engineering and Construction Supervisory personnel are responsible to train the craftsman (splicer) who will be making production splices prior to the performance of the work.

4.4 J. A. Jones Engineering and Construction Supervisory personnel are responsible to complete and maintain all records as required by Reference 3.2.

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- 4.5 J. A. Jones Quality Assurance personnel are responsible to assure compliance with this procedure and Reference 3.2. Also, to assure that only trained personnel (craftsmen) are used for making job-made splices.

#### 5.0 DEFINITIONS

- 5.1 Waterstops - A continuous sheet of material designed to bridge across either a closed or an open joint in concrete to prevent the passage of water through the joint.

- 5.2 Test Unit - Shall be as defined in Reference 3.1.

#### 6.0 INSPECTION

- 6.1 The assigned Quality Verification Inspector(s) shall, as a minimum, perform and document the following inspections.

- 6.1.1 Assure that only trained splicers are used for making job-made splices.
- 6.1.2 Assure that the proper equipment is used for making splices, and that the equipment is in good working condition.
- 6.1.3 Assure that splice joint configuration is correct.
- 6.1.4 Assure that the technique specified in Paragraphs 9.3, 9.4 and 9.5 of Reference 3.2 for joining is followed by craftsmen.
- 6.1.5 Assure that factory-made waterstops, job-made waterstops and waterstop materials are handled in such a manner as to prevent damage or contamination from deleterious materials.
- 6.1.6 Assure that waterstops are installed in accordance with approved construction drawings.
- 6.1.7 Assure that the testing frequency specified in Paragraph 7.0 below is complied with.

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#### 7.0 TESTING

Test units shall be made to meet the following requirements:

- 7.1 Three (3) test units shall be made by each splicer for qualification. In addition, one (1) test unit shall be made if there is reason to question the quality of work or as may be deemed necessary by Ebasco.
- 7.2 One (1) test unit shall be made for each ten (10) field splices.
- 7.3 Test units may be taken from splices made as production splices or from a companion splice placed alongside the actual waterstop to be used for the sole purpose of obtaining test samples. Companion splices shall be made under actual field conditions.
- 7.4 The assigned Quality Verification Inspector(s) shall identify and deliver the test splices to Ebasco for testing as required by Reference 3.1.
- 7.5 Ebasco shall furnish J. A. Jones one (1) copy of the test data report, so that J. A. Jones can document the acceptability of job-made water-stop splices and compliance with the requirements of Reference 3.1.

#### 8.0 RECORDS AND DOCUMENTATION

- 8.1 The assigned Quality Assurance Inspector(s) shall perform the inspections listed in Paragraph 6.0 and record the information on Attachment No. 9.1, "Waterstop Inspection Report".
- 8.2 In addition, the assigned Quality Verification Inspector(s) shall maintain the "Waterstop Splice Log", Attachment No. 9.2, in order to assure compliance with the test frequency requirements of Paragraph 7.0 above and Reference 3.1.
- 8.3 All records, upon completion of the work or as otherwise specified, will be turned over to the Ebasco Senior Quality Control Supervisor for the purchaser's records.

#### 9.0 ATTACHMENTS

- 9.1 Waterstop Inspection Report (Form No. W-SITP-8.1)
- 9.2 Waterstop Splice Log (Form No. W-SITP-8.2)

J. A. JONES CONSTRUCTION COMPANY  
WATERFORD UNIT NO. 3

WATERSTOP INSPECTION REPORT

Report No: \_\_\_\_\_ Specification No: \_\_\_\_\_ Project No.: \_\_\_\_\_

Quality Verification Inspector: \_\_\_\_\_

Waterstop No: \_\_\_\_\_ Splicer's Name: \_\_\_\_\_

Splicer's I.D. No.: \_\_\_\_\_

Equipment: Satisfactory \_\_\_\_\_ Unsatisfactory \_\_\_\_\_

Comments: \_\_\_\_\_

Joint Configuration: Satisfactory \_\_\_\_\_ Unsatisfactory \_\_\_\_\_

Comments: \_\_\_\_\_

Proper Splicing Technique Used: Yes \_\_\_\_\_ No \_\_\_\_\_ Comments: \_\_\_\_\_

Materials Properly Handled: Satisfactory \_\_\_\_\_ Unsatisfactory \_\_\_\_\_

Placement Location of Waterstop: \_\_\_\_\_

Other Remarks or Comments: \_\_\_\_\_

