



The  
Virginia Corp.  
of Richmond

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Procedure Title: Preservice Inspection Program Plan

Procedure No.: N/A

Plant Site: Waterford III LP & L

Customer: Ebasco Services

Approved for Use  
Virginia Corporation:

*Marvin M. Persinger*  
Marvin M. Persinger, President

Approved for Use

Customer: LP & L Approval

EBASCO SERVICES  
INCORPORATED

QUALITY  
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ENGINEERING

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- Reviewed Without Comments  
 Reviewed With Comments as Noted:  
Incorporate Comments, and  
Resubmit: Proceed with order.  
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NOTE:

Review of this document, with or without comments, is for general conformance with the applicable specifications only and in no way relieves the manufacturer of his responsibility for delivery of all materials, equipment, services and documents in strict accordance with the Purchase Order.

BY:

DATE:

*John J. ...*  
4-19-83

Rev. 4 Date: 10/28/82

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Section I



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Section I

DATE: 3/15/83

ZONE: N/A

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Introduction - A

The Virginia Corporation of Richmond respectfully submits to the owner, Louisiana Power & Light Company, our final revision to the examination program performed at Waterford #3 Steam Electric Station. The following program identifies the Preservice Inspection requirements for the volumetric and surface examinations of all ASME Class 1 and 2 systems and components of the subject station, with the exception of those examinations performed by Combustion Engineering at their Chattanooga facility. Refer to C-E's document number TR-ESS-037, "Shop Preoperational Inspection Program", for details of the shop inspections.

It was the intent of this program to comply with the requirements of Section XI of the ASME Boiler and Pressure Vessel Code, the 1977 Edition through the Summer 1978 Addenda. However, the classification of Class 2 piping welds in ECCS, RHR and containment heat removal systems, as well as the exemption and selection criteria applied to these welds, is in accordance with the 1974 Edition of Section XI with Addenda through the Summer 1975, as required by 10CFR50.55a. Specific exemptions and exceptions to Section XI requirements are detailed elsewhere in this program.

The entire Field Preservice Inspection Program will consist of several volumes, as required, and will be organized in the following format:

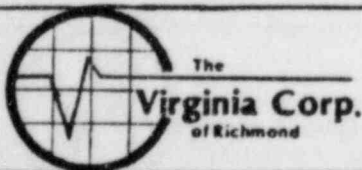
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Owner Certificate and Owner Data Sheet

Introduction

Results

1. Reportable indications - Class 1
2. Reportable indication data sheets and Section XI evaluation sheet for Class 1
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4. Reportable indication data sheets and Section XI evaluation sheet for Class 2



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1. List of all partial examinations by order of zone and date

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Corrections or Changes to Final Report  
Conclusions and Recommendations



Titles:

Introduction - A (cont'd)

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Plan Discussion - B

The Class 1 and 2 systems and components subject to volumetric and/or surface examinations have been organized into specific areas of interest called "zones". For example: Zones 1 through 5 comprise the major NSSS components; Zones 6 through 15 are the various sections of primary loop piping; Zone 16 is the surge line; Zones 17 through 20 are the four Class 1 Safety Injection Loops; etc. A detailed discussion of the zone concept and numbering system is contained in Section II of this volume.

The scope of this Program Plan includes the volumetric and surface examinations of ASME Class 1 and 2 systems and components only. Class 3 examinations are to be covered by the Owner's Component/Component Support Visual Inspection Program. The visual examinations required by ASME Section XI for Class 1 and 2 components will also be covered by the Owner's programs, except in those instances where VCR is specifically requested to perform them. Visual examination requirements are identified in this volume for information purposes only, and do not necessarily represent the full extent of the visual examination program. For items designated as requiring visual inspection, the procedures listed in this volume are the VCR procedures which would be used to perform the examination in the event that VCR is requested to do so. Also, note that several areas are identified as requiring VT-2 (hydrostatic or pressure testing) examinations. These are provided for information only in order to establish system boundaries. No VT-2 examinations will be performed under this or the Owner's PSI Program. The Section III System hydrostatic pressure tests satisfy all preservice requirements in accordance with Section XI of the Code.

The following is a brief summary of the examinations to be performed at the Louisiana Power & Light Waterford #3 SES site:

- 1. Reactor Vessel (Zone 1)

The Preservice Inspection of the Reactor Pressure Vessel (RPV) was performed by Combustion Engineering at their fabrication



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Plan Discussion - B

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shop in Chattanooga, TN, in accordance with the 1974 Edition of Section XI, through the Summer 1974 Addenda. Those examinations which were not performed by CE are listed in Section II, Zone 1, of this program. The surface examinations of the studs and nuts will be performed in accordance with this Program. The Visual examinations listed will be performed and documented by Combustion Engineering during the performance of their Pre-operational Vibration Monitoring Program tests, which will be conducted in accordance with USNRC Regulatory Guide 1.20.

## 2. Reactor Vessel Closure Head (Zone 2)

The RPV Closure Head was also examined under the CE Program, with the following exceptions:

- a. The CEDM motor housing welds, as designated in Zone 2, will be examined under this Program. These welds require a volumetric or surface examination as per Category B-0, Table IWB-2500-1, Section XI, 1977 Edition through Summer 1978 Addenda. It is the Owner's intent to perform surface examinations on the required welds since the geometry of these welds is not conducive to a meaningful ultrasonic examination.
- b. The radius area of the closure head flange requires a surface examination under the 1977 Edition through Summer 1978 Addenda of Section XI. This was not required when CE performed the shop examinations. This examination has been added to this program in order to provide adequate baseline data for the ISI Program.

## 3. Steam Generators (Zones 3 and 4)

These components were also examined under the CE Programs. Required field examinations include the stay cylinder welds, which will be ultrasonically examined using manual techniques. Visual examinations of the primary and secondary manway bolting will be performed under this Program or the Owner's VT Program.



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Finally, a surface examination of the support skirt to stay cylinder welds has been added to comply with the requirements of the 1977 Edition through Summer 1978 Addenda of Section XI.

4. Pressurizer (Zone 5)

The pressurizer is the last component which was examined in accordance with the CE Program. A surface examination of the support skirt to vessel weld has been added to comply with the requirements of the 1977 Edition through Summer 1978 Addenda of Section XI. Visual examinations of the manway bolting will be performed under this Program or the Owner's VT Program.

5. Reactor Coolant Pumps (Zones 37 through 40)

The reactor coolant pump casings are fabricated from cast stainless steel. Historically, this material does not lend itself to meaningful ultrasonic examination. It is, therefore, the owner's intent to use the fabrication facility radiographs to satisfy preservice inspection requirements. This is based on the assumption that RT will be the method used for inservice inspection of these welds. It is also the owner's intent to use manufacturer's records to satisfy flywheel examination requirements as specified in USNRC Regulatory Guide 1.14. Surface examinations of the support skirt to casing welds, and ultrasonic examinations of the studs will be performed in accordance with this Program. Required visual examinations will either be performed in accordance with this Program or the Owner's VT Program.

6. Reactor Coolant Piping (Zones 6 through 15)

The reactor coolant piping is constructed of carbon steel with stainless steel cladding. Since this is classified as piping, it would be permissible to ultrasonically examine it in accordance with Appendix III of Section XI. However, due to the large diameter and thickness of this piping, and due to the fact that



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the cladding essentially limits the examination to the half-vee technique, the Owner has elected to apply the examination techniques of Article 4 of Section V to these welds. All welds will therefore be examined using 45° and 60° shear wave angle beams applied in two directions parallel and two directions perpendicular to the weld axis, except where restricted by component geometry. A 30° beam will also be applied to all welds in the two circumferential directions and may also be used to examine areas which did not receive complete coverage due to geometry. A 0° longitudinal beam will be applied to all areas through which the angle beams will pass. Surface examinations will also be conducted on all RC piping welds.

7. Class 1 B.O.P. Piping and Components (Various)

The examination of all Class 1 B.O.P. piping and components will be in accordance with the requirements of the 1977 Edition through Summer 1978 Addenda of Section XI. The Owner has elected to examine 100% of the weld volume and heat affected zone for those welds requiring volumetric examination, wherever possible, rather than just the lower one-third required by Code. This applies to the Preservice Program only.

8. Class 2 Components (Various)

Class 2 components will be examined in accordance with the requirements of the 1977 Edition through Summer 1978 Addenda of Section XI. As in the cases of Class 1 piping and components, the entire weld and HAZ will be examined when volumetric examination is specified.

9. Class 2 Piping (Various)

Essentially, all Class 2 piping will be examined in accordance with the requirements of the 1977 Edition through Summer 1978 Addenda of Section XI, with the following exceptions:

- a. All Class 2 piping will be classified in accordance with Table IWC-2520 of the 1974 Edition through Summer 1975 Addenda.



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- b. The exemption and weld selection criteria of the 1974 Edition through Summer 1975 Addenda will be applied to all Class 2 piping welds in the emergency core cooling systems, residual heat removal systems, and containment heat removal systems, as required by 10CFR50.55a. The chemical sampling exemption, however, shall not be invoked.



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Exemptions - C

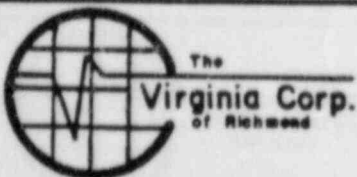
The following exemptions from volumetric and surface examination requirements have been invoked in the construction of this Program Plan:

## 1. Class 1

- a. Class 1 component connections, piping, and associated valves of 1" nominal pipe size and smaller, except for steam generator tubing.
- b. Reactor vessel head connections and associated piping, 2" nominal pipe size and smaller, made inaccessible by control rod drive penetrations.

## 2. Class 2

- a. Components connections (including nozzles in vessels and pumps), piping and associated valves and vessels (and their supports) that are 4" nominal pipe size and smaller.
- b. Components of systems or portions of systems that during normal plant operating conditions are not required to operate or perform a system function, but remain flooded under static conditions at a pressure of at least 80% of the pressure that the component or system will be subjected to when required to operate.
- c. Components in systems where both the design pressure and temperature are equal to or less than 275 psig and 200°F, respectively.



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Exemptions - C

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Exceptions (Relief Requests)- D

Exceptions to Code requirements are identified and documented during the performance of the Preservice Inspection examinations. These exceptions shall be used to generate relief requests, which will be included with the Final Report.

Items expected to be used in the generation of relief requests will include, but not be limited to, the following;

1. Ultrasonic examination of the nozzle-to-shell welds (2 welds per unit) for the shutdown Cooling Heat Exchangers cannot be performed as the welds are inaccessible. A steel plate collar was placed over these welds and the collar was then welded to the body of the heat exchanger and to the nozzle.
2. Casing welds of the reactor coolant pumps - the technology to ultrasonically test these welds is still under development. Shop records will be used to satisfy PSI requirements.
3. It is probable that all inner containment penetration welds will be inaccessible. These welds have been entered on the program plan for each respective zone, and relief requests, as necessary, will be filed.
4. Calibration blocks are required to be fabricated from at least one of the materials being joined. Earlier editions/addenda to the Code permitted acoustically similar material. Therefore, particularly in the case of CE supplied blocks, the calibration standards are not always of the same material as the item to be examined.
5. Partial examinations, regarding ultrasonic examinations at system discontinuities, when physical configuration dictates less than 100% examination of both sides of a weld, the weld will be documented as a partial examination.

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Exceptions (Relief Requests) - D

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ZONE: N/A

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Calibration Blocks - E

Calibration blocks have been assigned to each examination point requiring ultrasonic examination. These blocks will be carefully checked for compliance to drawing requirements. Each piping system will also be subject to thickness verification before field examination is initiated.

The following table provides a listing of all calibration standards used in the performance of the Waterford 3 Preservice Inspection examinations and provides a brief description for each.

UT Calibration Standards

<u>Block No.</u>	<u>Description</u>	<u>Drawing No.</u>	<u>Use</u>
UT-1	11" thick	C-234-225-3	Reactor vessel upper shell
UT-2	9" thick	C-234-224-2	Reactor vessel middle and lower shells
UT-3	7" thick	C-234-223	Steam generator primary head reactor vessel closure head
UT-4	5" thick	C-234-222-2	Pressurizer shell, reactor vessel bottom head
UT-5	3" thick	C-234-221-2	Pressurizer top & bottom heads
UT-6	3½" thick	C-246-392	Piping
UT-7	3" th (unclad)	C-246-410-1	Steam generator support skirt
UT-8	11" X 7" X 32"	C-245-375-3	Reactor vessel flange and ligament area
UT-9	11" X 22" X 33"	C-245-376-5	Reactor vessel inlet nozzle
UT-10	11" X 23" X 40"	C-245-377-6	Reactor vessel outlet nozzle



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UT Calibration Standards (continued)

<u>Block No.</u>	<u>Description</u>	<u>Drawing No.</u>	<u>Use</u>
UT-11	12" X 11" X 17"	C-246-454-2	Steam generator nozzle inner radii
UT-12	14" X 33" dia., 120° Segment	C-246-393-2	Pressurizer surge nozzle inner radius
UT-13	11" X 19" dia., 120° Segment	C-246-395-3	Pressurizer spray nozzle inner radius
UT-14	7" X 19" dia., 120° Segment	C-246-443-1	Pressurizer safety nozzle inner radius
UT-15	36" dia.	C-246-394	Piping
UT-16	12-3/4" dia.	C-246-404	Pressurized shutdown cooling nozzle
UT-17	8" dia.	C-246-363	Pressurizer nozzle
UT-18	5" dia.	C-246-396	Drain nozzle, charging nozzle
UT-19	3½" dia.	C-246-397	Piping
UT-20	7" dia. X 36"	C-246-438-2	Reactor vessel closure stud
UT-21	10-9/16" dia. X 7-½" long	B-246-419-1	Reactor vessel closure nut
UT-22	5-9/16" I, D, X 15/32"th X 12" lg	C-246-570-2	Closure head instrument nozzle
UT-23		C-246-398	Surge line
UT-25	1.375"th clad	Note 1	Heat exchanger block
UT-37	7"th unclad	C-246-528-2	Steam generator secondary side
UT-38	5"th unclad	C-246-529-1	Steam generator secondary side
UT-44		Note 1	Steam generator secondary side



**TITLE**

Calibration Blocks - E  
(cont'd.)

**DATE:** 3/15/83

**ZONE:** N/A

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UT Calibration Standards (continued)

<u>Block No.</u>	<u>Description</u>	<u>Drawing No.</u>	<u>Use</u>
UT-101	2" dia., .337"	LOU-1564-G-174	Not used
UT-102	3" dia., .44"	LOU-1564-G-174	Not used
UT-103	4" dia., .435"	LOU-1564-G-174	Pressurizer spray
UT-104	4" dia.	LOU-1564-G-174	Not used
UT-105	8" dia., .82"	LOU-1564-G-174	Safety injection
UT-106	12" dia., 1.155"	LOU-1564-G-174	Safety injection
UT-108	12" dia., 1.27"	LOU-1564-G-174	Safety injection
UT-109	8" dia., 1.3"	LOU-1564-G-174	Not used
UT-110	10" dia., 1.16"	LOU-1564-G-174	Not used
UT-111	6" dia.	LOU-1564-G-174	Shut down cooling
UT-112	6" dia., .445"	LOU-1564-G-174	Shut down cooling
UT-113	8" dia., .36"	LOU-1564-G-174	Shut down cooling
UT-114	8" dia.	LOU-1564-G-174	Not used
UT-115	10" dia., .35"	LOU-1564-G-174	Shut down cooling
UT-116	6" dia.	LOU-1564-G-174	Not used
UT-117	6" dia., .28"	LOU-1564-G-174	Not used
UT-118	8" dia., .725"	LOU-1564-G-174	Main steam
UT-119	14" dia., 1.125"	LOU-1564-G-174	Shutdown cooling
UT-120	14" dia., .36"	LOU-1564-G-174	LPSI pump suction
UT-121	18½" dia., .635"	LOU-1564-G-174	Not used
UT-122	18" dia., .382"	LOU-1564-G-174	LPSI pump suction
UT-123	20" dia., .385"	LOU-1564-G-174	LPSI pump suction
UT-124	18" dia., 1.0"	LOU-1564-G-174	Main steam
UT-125	20" dia., 1.25"	LOU-1564-G-174	Main steam
UT-126	34" dia., 1.225"	LOU-1564-G-174	Main steam



**TITLE**

Calibration Blocks - E  
(cont'd.)

DATE: 3/15/83

ZONE: N/A

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UT Calibration Standards (continued)

<u>Block No.</u>	<u>Description</u>	<u>Drawing No.</u>	<u>Use</u>
UT-127	40½" dia., 1.5"	LOU-1564-G-174	Main steam
UT-128	43½" dia., 2.725"	LOU-1564-G-174	Main steam
UT-129	1.375"th clad	SA-105-GR-2 *	Shutdown cooling heat exchanger
UT-130	12" carbon steel, 1.755"	Note 1	Mainsteam
UT-131	8" carbon steel, .463"	Note 1	Mainsteam
UT-132	1½" dia. studs	SA-194-GR-B8M *	LPSI pump
UT-133	1½" dia. hex nut	SA-194-GR-8M *	LPSI pump
UT-134	4-3/4" RCP stud	SA-540-GR-B23-CL4 *	Reactor cooling pumps
UT-135	4-3/4" hex nut	SA-194-GR-7 *	Reactor cooling pumps
UT-136	4½" th	SA-351-GR-CF-8M *	
UT-137	4" ch	SA-216-GR-WCC *	MSIV body welds
UT-138	1½" dia. studs	SA-193-GR-B7 *	Shutdown cooling heat exchanger
UT-139	1½" dia. hex nut	SA-193-GR-2H *	Shutdown cooling heat exchanger
UT-140		Note 1	HPSI discharge
UT-141		Note 1	Pressurizer safety valve
UT-142		Note 1	Safety inj. suction

\* Material specs. used as drawing number

Note 1 Drawing numbers not available



## TITLE

Calibration Blocks - E  
(cont'd.)

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Section II



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TITLE

Section II

DATE: 3/15/83

ZONE: N/A

REVISION: 5

Zone Concept and Summary - A

The format presented for the examination of class I and class II systems for Waterford No. 3 is a "zone" approach. All areas, systems and components subject to examination have been divided into distinct areas designated as zones. The total of class I and class II examinations have been segmented into sixty-two such zones. Each particular zone comprises a program plan that sets forth the number of examination points in that area, accompanied by an isometric drawing of the area. Each point, or component, subject to examination is specifically identified on both the plan and isometric. Identification is accomplished by a multi-digit numbering system. The first two digits are identical with the zone number. The second set of digits specifically identifies a point of examination. Examination points are listed sequentially from initiation to termination of the zone. In the case of longitudinally split piping or fittings, the longitudinal points are added as a letter group to the identifying number. This phase of component identification is fully covered in the examination contractor's NDE procedure ISI 1.1. When encountered in class II systems that do not require 100% examination of longitudinal welds, the longitudinally split piping is identified at each circumferential weld, or other discontinuity. This system of marking is also addressed in the above procedure. The zone sequence identifying system provides an examination "track" from zone initiation to termination.

Those components or areas which have been assigned sequential numbers in the design of the NSSS (reactor vessel closure studs, nuts and washers, reactor flange ligament areas, closure head CEDM and instrumentation nozzles) are given a three part number. The first part is the same two digit zone number, the second part is a letter identifying the particular inspection area, and the third part is a sequence number identical to that originally assigned. An example of the code is the examination area 02-W-54. The designation 02 signified Zone 2, which is the vessel closure head. The number 54 designates CEDM nozzle #54. Examination of the isometric zone



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Zone Concept and Summary - A

**DATE:** 3/15/83

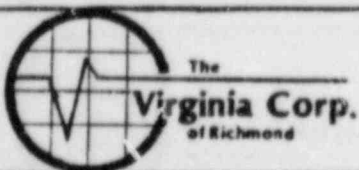
**ZONE:** N/A

**REVISION:** 5

drawing for the closure head shows that the examination area designated by "W" is the CEDM motor housing lower weld. The pressurizer heater penetrations, which receive visual examinations during hydrotest, are identified individually, using a sequential number to refer uniquely to a particular penetration, and identifying that penetration by means of a designation assigned to it in the design of the pressurizer.

The program plan presented with each zone provides all the information necessary for examination of each specific area. The information includes the identifying number, a brief description of the subject area of examination, the examination category, the examination method, the examination contractor's procedure number, and the calibration block number on welds requiring ultrasonic examination. The plan includes areas requiring pressure test (VT-2), but exempt from NDE examination. It also includes areas requiring VT-1 and VT-3 examination. VT examination requirements are identified for information purposes only.

Each weld of the Class I and Class II systems will be permanently marked in compliance with appendix III, (1977 edition Section XI), and the appropriate supplement. The process of weld marking is established by the examining contractor's procedure ISI 1.1.



Titles:

Zone Concept and Summary - A  
(cont'd)

Date: 3/15/83

Zone: N/A

Revision: 5

List of Zones - B through G

Following is the list of zones comprising the class I and class II systems:

- B - NSSS components (zones 1 through 5) class I
- C - Reactor coolant piping and surge line (zones 6 through 16) class I
- D - B.O.P. piping (zones 17 through 35) class I
- E - Reactor coolant pumps (zones 37 through 40) class I
- F - Class II secondary systems (zones 41 through 48)
- G - Class II piping in ECCS, RHR and containment heat removal systems (zones 49 through 65). Note: zones #36, #59, and #63 were deleted.



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List of Zones - B through G

DATE: 3/15/83

ZONE: N/A

REVISION: 5

Summary of Additional Examinations - H

Additional volumetric examinations (not required by Section XI) were performed on class II piping comprising main steam and feedwater systems (zones 41 through 48), and shutdown cooling systems (zones 51, 52, 55 and 56). These examinations were performed to comply with the augmented program requiring 100% volumetric examination of all circumferential and longitudinal welds in those systems that penetrate containment. The boundary criteria for such examination extends from the rigid restraint nearest the penetration inside the containment, to the first rigid restraint beyond the isolation valve outside the containment building.

A supplemental examination program was also initiated to address nuclear regulatory commission concerns on Intergranular Stress Corrosion Cracking (IGSCC) on borated systems that are normally stagnant. A 100% volumetric examination was performed on 10% of the welds in these systems. Weld selection was based on welds located in high stress areas. The program incorporated zones 60, 61, 62, 64 and 65.



**TITLE**

Summary of Additional Examinations - H

**DATE:** 3/15/83

**ZONE:** N/A

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The preservice inspections of this component were performed by Combustion Engineering, Inc. at the fabrication shop in Chattanooga, Tennessee. Refer to Document # TR-ESS-037 "Shop Preoperational Inspection Program" for details.

Visual examinations of the Reactor Vessel Internals are to be performed by Combustion Engineering during the Preoperational Vibration Monitoring Program examinations, which are performed to satisfy the requirements of USNRC Regulatory Guide 1.20.

The following examinations listed on the Program Plan are to be performed at the Waterford 3 SES site.



TITLE

Reactor Pressure Vessel

DATE: 3/15/83

ZONE: 1

REVISION: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

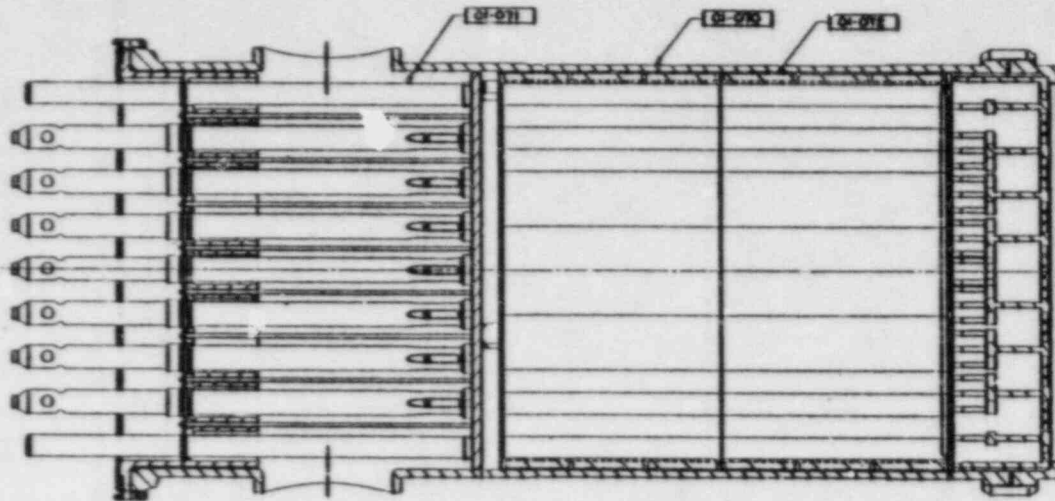
Zone: 1Date: 3/15/83Revision: 5REACTOR PRESSURE VESSEL

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
01-S-01 THRU 01-S-54	RPV STUDS, #s 01 THRU 54 RESPECTIVELY	B-G-1	*SURFACE	ISI-4.2	N/A
01-N-01 THRU 01-N-54	RPV NUTS, #s 01 THRU 54 RESPECTIVELY	↓	↓	↓	
RPV INTERNALS: 01-054	FLOW SKIRT & BAFFLE	B-N-2	VT-1	N/A	
01-055	REACTOR VESSEL INTERIOR - ACCESSIBLE AREAS	B-N-1	VT-3		
01-056	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 104 DEG.	B-N-2	VT-1		
01-057	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 97 DEG.				
01-058	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 85 DEG.				
01-059	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 263 DEG.				
01-060	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 277 DEG.				
01-061	MATERIAL SURVEILLANCE CAPSULE HOLDER @ 284 DEG.	↓	↓		
01-062	ALIGNMENT KEY @ 0 DEG.	B-N-3	VT-3		
01-063	ALIGNMENT KEY @ 90 DEG.				
01-064	ALIGNMENT KEY @ 180 DEG.				
01-065	ALIGNMENT KEY @ 270 DEG.	↓	↓	↓	↓

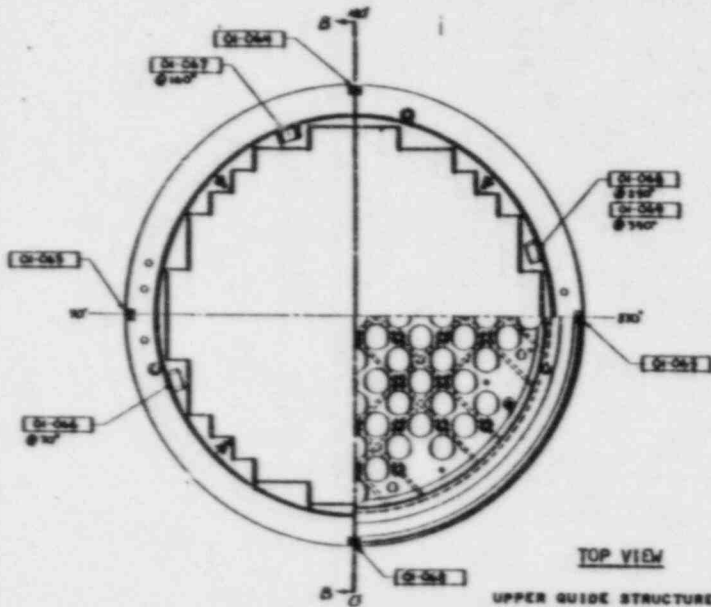
\* VOLUMETRIC PERFORMED AT THE FABRICATION SHOP.







SECTION B-B  
REACTOR INTERNAL ASSEMBLY



TOP VIEW  
UPPER GUIDE STRUCTURE PARTIALLY  
REMOVED FOR CLARITY

RPV NUT DESIGNATIONS

01	01-N-01	28	01-N-28
02	-02	29	-29
03	-03	30	-30
04	-04	31	-31
05	-05	32	-32
06	-06	33	-33
07	-07	34	-34
08	-08	35	-35
09	-09	36	-36
10	-10	37	-37
11	-11	38	-38
12	-12	39	-39
13	-13	40	-40
14	-14	41	-41
15	-15	42	-42
16	-16	43	-43
17	-17	44	-44
18	-18	45	-45
19	-19	46	-46
20	-20	47	-47
21	-21	48	-48
22	-22	49	-49
23	-23	50	-50
24	-24	51	-51
25	-25	52	-52
26	-26	53	-53
27	-27	54	-54

RPV STUD DESIGNATIONS

01	01-S-01	28	01-S-28
02	-02	29	-29
03	-03	30	-30
04	-04	31	-31
05	-05	32	-32
06	-06	33	-33
07	-07	34	-34
08	-08	35	-35
09	-09	36	-36
10	-10	37	-37
11	-11	38	-38
12	-12	39	-39
13	-13	40	-40
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22	-22	49	-49
23	-23	50	-50
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26	-26	53	-53
27	-27	54	-54



Title:

REACTOR PRESSURE VESSEL

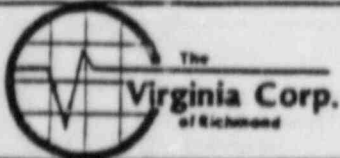
Date: 3/15/83

Zone: 1

Revision: 5

THE PRESERVICE INSPECTIONS OF THIS COMPONENT WERE PERFORMED BY COMBUSTION ENGINEERING, INC. AT THE FABRICATION SHOP IN CHATTANOOGA, TENNESSEE. REFER TO DOCUMENT # TR-ESS-037 "SHOP PREOPERATIONAL INSPECTION PROGRAM" FOR DETAILS.

THE FOLLOWING EXAMINATIONS LISTED ON THE PROGRAM PLAN ARE TO BE PERFORMED AT THE WATERFORD 3 SCS SITE.



Titles:

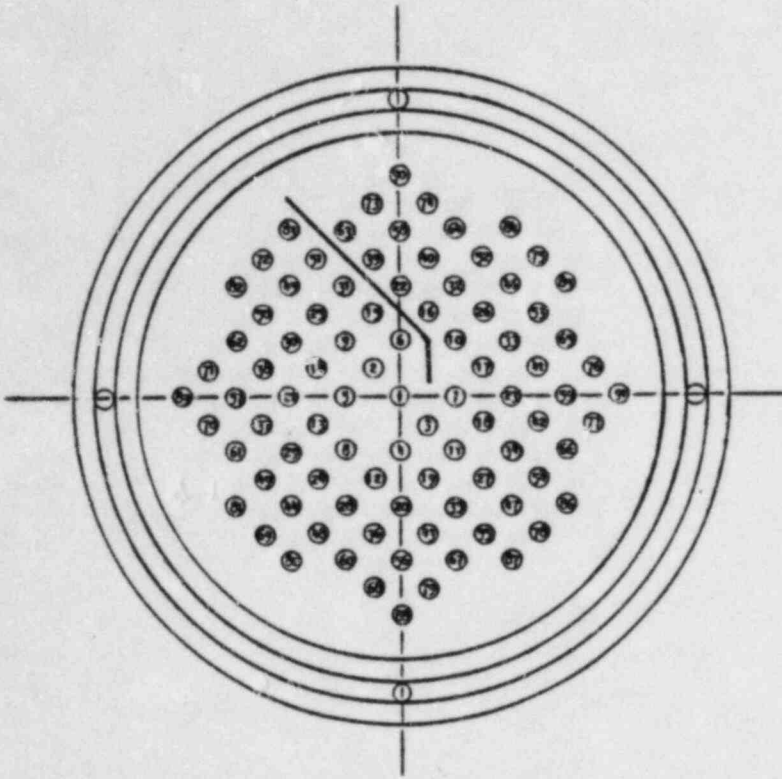
RPV CLOSURE HEAD

Date: 3/15/83

Zone: 2

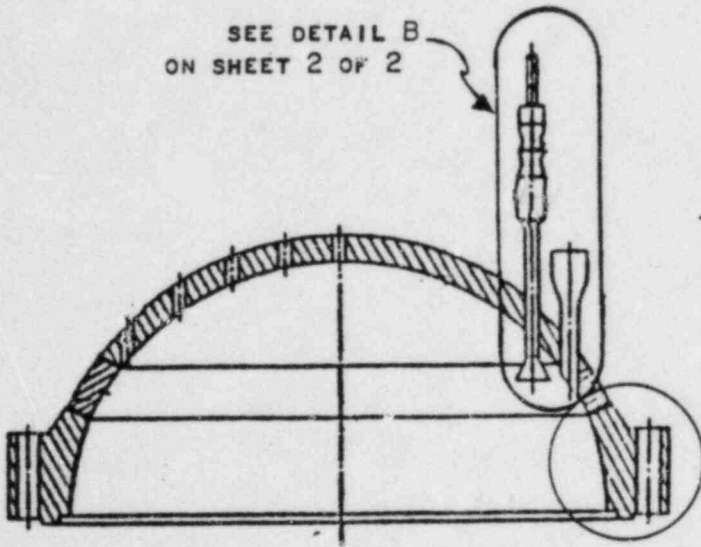
Revision: 5



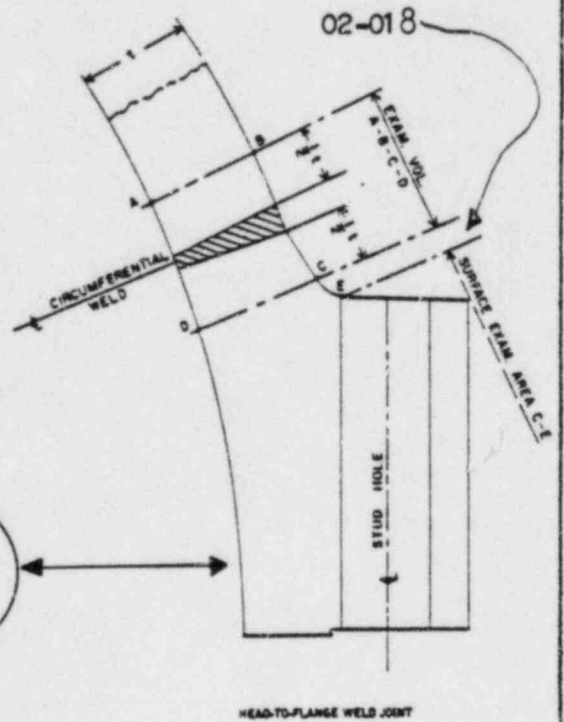


CLOSURE HEAD - TOP VIEW

SEE DETAIL B  
ON SHEET 2 OF 2



CLOSURE HEAD - SIDE VIEW



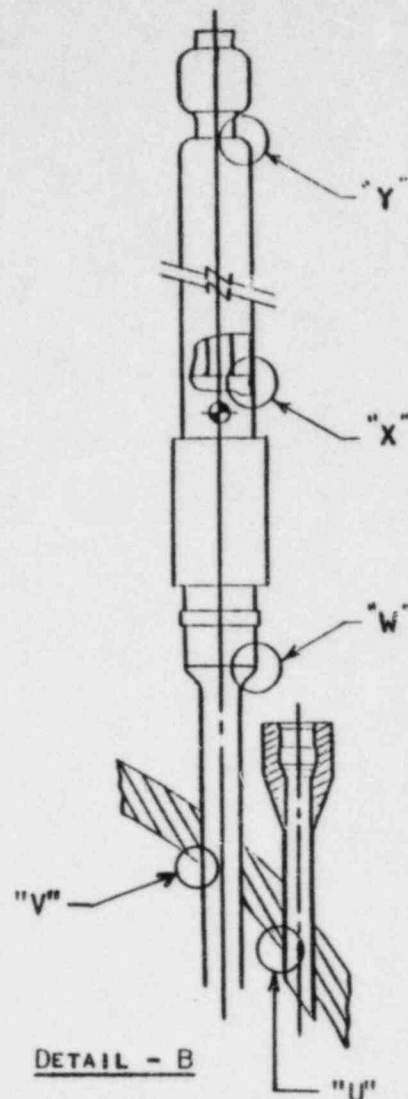
Titles:

RPV CLOSURE HEAD

Date: 3/15/83

Zone: 2

Revision: 5



INSTRUMENT WELD DESIGNATIONS	
U	
92	02-U-92
93	-93
94	-94
95	-95
96	-96
97	-97
98	-98
99	-99
100	-100
101	-101

INSTRUMENT WELD DESIGNATIONS			
	W	X	Y
60	02-W-60	02-X-60	02-Y-60
61	-61	-61	-61
62	-62	-62	-62
63	-63	-63	-63
64	-64	-64	-64
65	-65	-65	-65
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88	-88	-88	-88
89	-89	-89	-89
90	-90	-90	-90
91	-91	-91	-91

INSTRUMENT WELD DESIGNATIONS

CEDM WELD DESIGNATIONS				
	V	V	V	V
1	02-V-1	02-V-32	02-V-62	02-V-62
2	-2	-33	-63	-63
3	-3	-34	-64	-64
4	-4	-35	-65	-65
5	-5	-36	-66	-66
6	-6	-37	-67	-67
7	-7	-38	-68	-68
8	-8	-39	-69	-69
9	-9	-40	-70	-70
10	-10	-41	-71	-71
11	-11	-42	-72	-72
12	-12	-43	-73	-73
13	-13	-44	-74	-74
14	-14	-45	-75	-75
15	-15	-46	-76	-76
16	-16	-47	-77	-77
17	-17	-48	-78	-78
18	-18	-49	-79	-79
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23	-23	-54	-84	-84
24	-24	-55	-85	-85
25	-25	-56	-86	-86
26	-26	-57	-87	-87
27	-27	-58	-88	-88
28	-28	-59	-89	-89
29	-29	-60	-90	-90
30	-30	-61	-91	-91
31	-31			

CEDM WELD DESIGNATIONS

SHEET 2 OF 2



Title:  RPV CLOSURE HEAD	Date: 3/15/83
	Zone: 2
	Revision: 5

THE PRESERVICE INSPECTIONS OF THIS COMPONENT WERE PERFORMED BY COMBUSTION ENGINEERING, INC. AT THE FABRICATION SHOP IN CHATTANOOGA, TENNESSEE. REFER TO DOCUMENT # TR-ESS-037 "SHOP PREOPERATIONAL INSPECTION PROGRAM" FOR DETAILS.

THE FOLLOWING EXAMINATIONS LISTED ON THE PROGRAM PLAN ARE TO BE PERFORMED AT THE WATERFORD 3 SES SITE.



The  
**Virginia Corp.**  
of Richmond

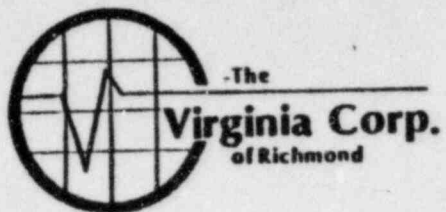
Titles:

STEAM GENERATOR # 1

Date: 3/15/83

Zone: 3

Revision: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

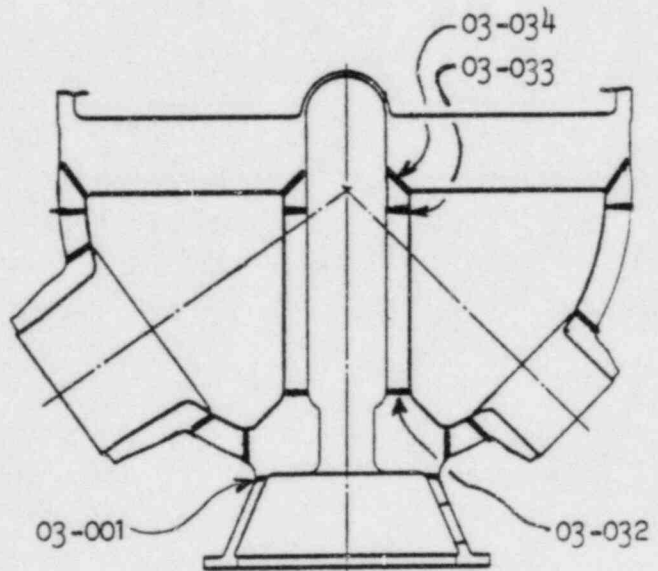
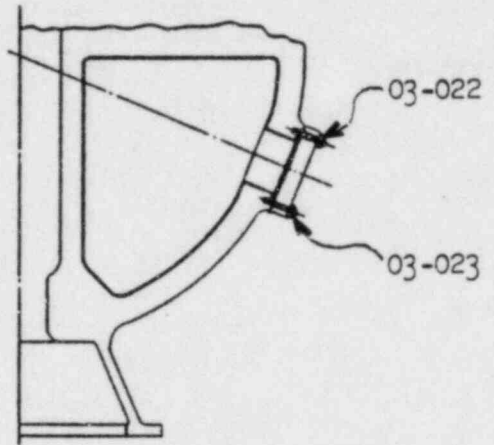
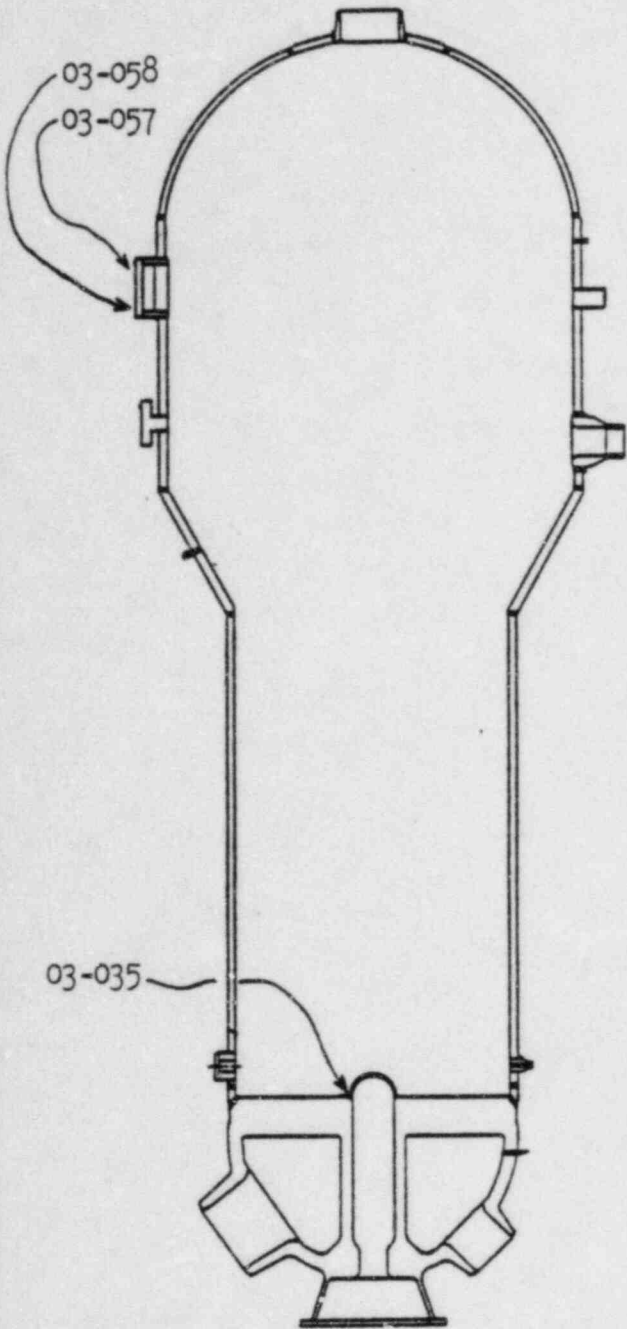
Zone: 3Date: 3/15/83Revision: 5STEAM GENERATOR # 1

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
03-001	SUPPORT SKIRT TO S. G.	B-H	*SURFACE	ISI-4.3	N/A
03-022	MANWAY BOLTING @ 0 DEG. (COLD LEG SIDE)	B-G-2	VT-1	N/A	↓
03-023	PRIMARY HEAD MANWAY BOLTING @ 112 DEG. 30' (HOT LEG SIDE)	↓	↓	↓	↓
03-032	STAY CYLINDER TO STAY CYLINDER BASE WELD	B-B	VOLUMETRIC	ISI-2.6	UT-3
03-033	STAY CYLINDER TO STAY CYLINDER EXTENSION WELD	↓	↓	↓	↓
03-034	STAY CYLINDER EXTENSION TO TUBE SHEET WELD	↓	↓	↓	↓
03-035	TUBE SHEET TO STAY CYLINDER CAP WELD	C-A	↓	↓	UT-44
03-057	SECONDARY MANWAY BOLTING @ 90°	C-D	VT-1	N/A	N/A
03-058	SECONDARY MANWAY BOLTING @ 270°	↓	↓	↓	↓

\* VOLUMETRIC PERFORMED IN THE SHOP.

SHEET 1 OF 1

PAGE 3 OF 3



FOR DETAILS ON STAY CYLINDER WELDS  
SEE EMDRAC 5817-5700.



Titles:

STEAM GENERATOR # 1

Date: 3/15/83

Zone: 3

Revision: 5



THE PRESERVICE INSPECTIONS OF THIS COMPONENT WERE PERFORMED BY COMBUSTION ENGINEERING, INC. AT THE FABRICATION SHOP IN CHATTANOOGA, TENNESSEE. REFER TO DOCUMENT # TR-ESS-037 "SHOP PREOPERATIONAL INSPECTION PROGRAM" FOR DETAILS.

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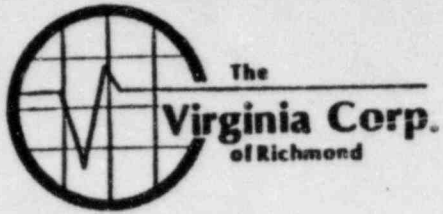
Titles:

STEAM GENERATOR # 2

Date: 3/15/83

Zone: 4

Revision: 5

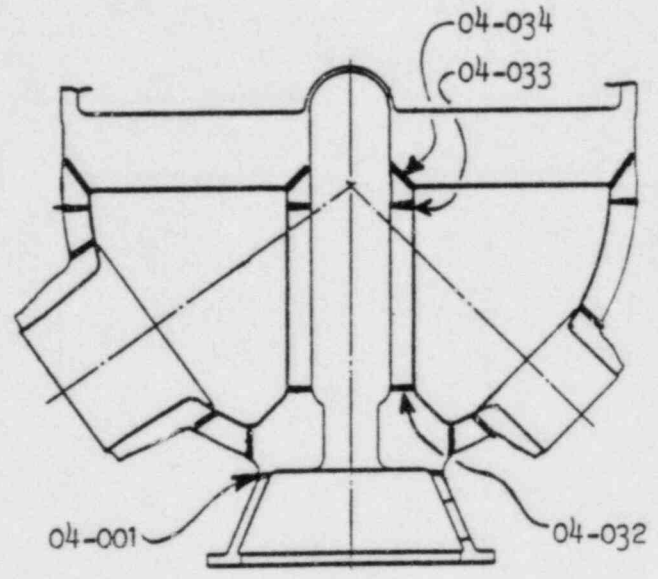
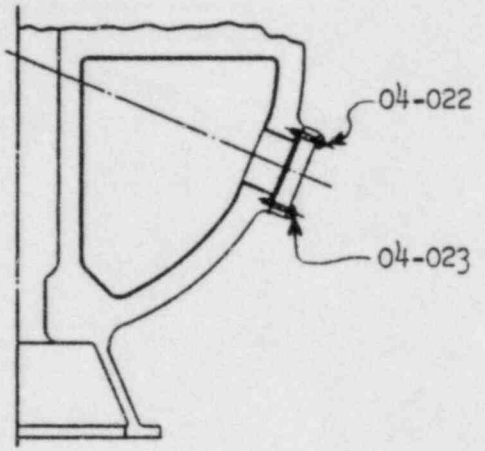
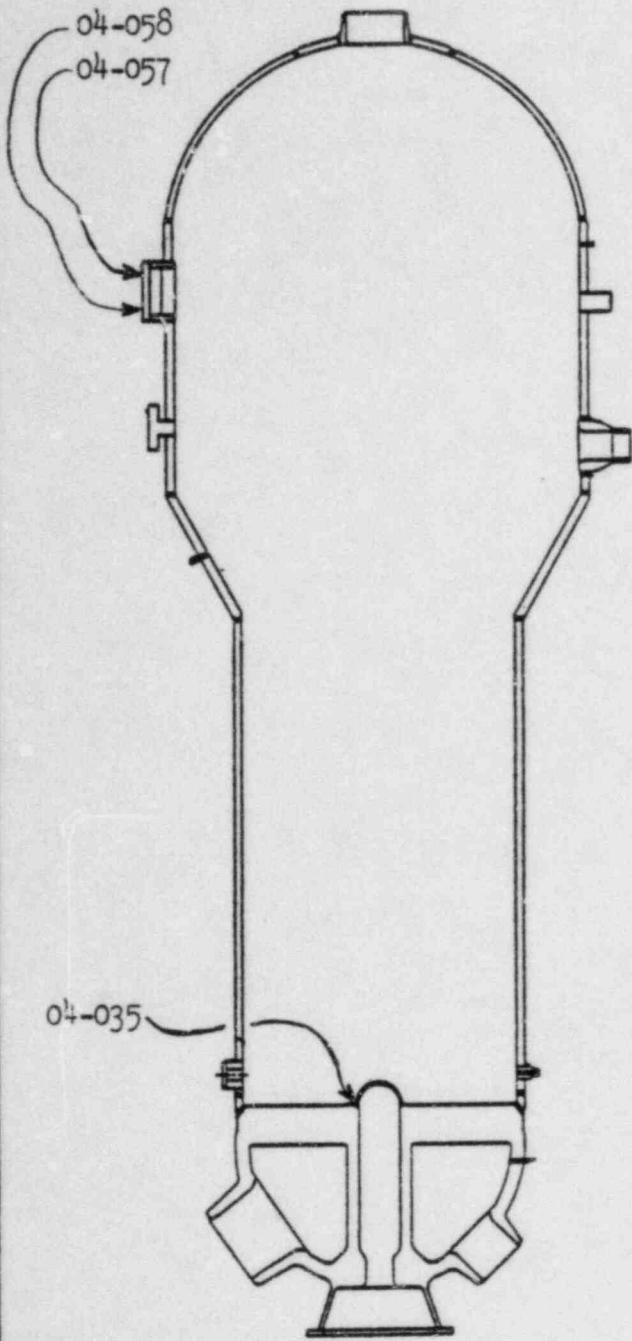


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 4Date: 3/15/83Revision: 5STEAM GENERATOR # 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
04-001	SUPPORT SKIRT TO S. G.	B-H	*SURFACE	ISI-4.3	N/A
04-022	PRIMARY HEAD MANWAY BOLTING @ 0° (COLD LEG SIDE)	B-G-2	VT-1	N/A	↓
04-023	PRIMARY HEAD MANWAY BOLTING @ 112 30' (HOT LEG SIDE)	↓	↓	↓	↓
04-032	STAY CYLINDER TO STAY CYLINDER BASE	B-B	VOLUMETRIC	ISI-2.6	UT-3
04-033	STAY CYLINDER TO STAY CYLINDER EXTENSION	↓	↓	↓	↓
04-034	STAY CYLINDER EXTENSION TO TUBE SHEET	↓	↓	↓	↓
04-035	TUBE SHEET TO STAY CYLINDER CAP	C-A	↓	↓	UT-44
04-057	SECONDARY MANWAY BOLTING @ 90°	C-D	VT-1	N/A	N/A
04-058	SECONDARY MANWAY BOLTING @ 270°	↓	↓	↓	↓

\* VOLUMETRIC PERFORMED IN THE FABRICATION SHOP.



FOR DETAILS ON STAY CYLINDER WELDS  
SEE EMDRAC 5817-5700.



Titles:

STEAM GENERATOR # 2

Date: 3/15/83

Zone: 4

Revision: 5

THE PRESERVICE INSPECTIONS OF THIS COMPONENT WERE PERFORMED BY COMBUSTION ENGINEERING, INC. AT THE FABRICATION SHOP IN CHATTANOOGA, TENNESSEE. REFER TO DOCUMENT # TR-ESS-037 "SHOP PREOPERATIONAL INSPECTION PROGRAM" FOR DETAILS.

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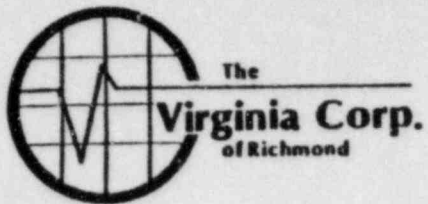
Titles:

PRESSURIZER

Date: 3/15/83

Zone: 5

Revision: 5

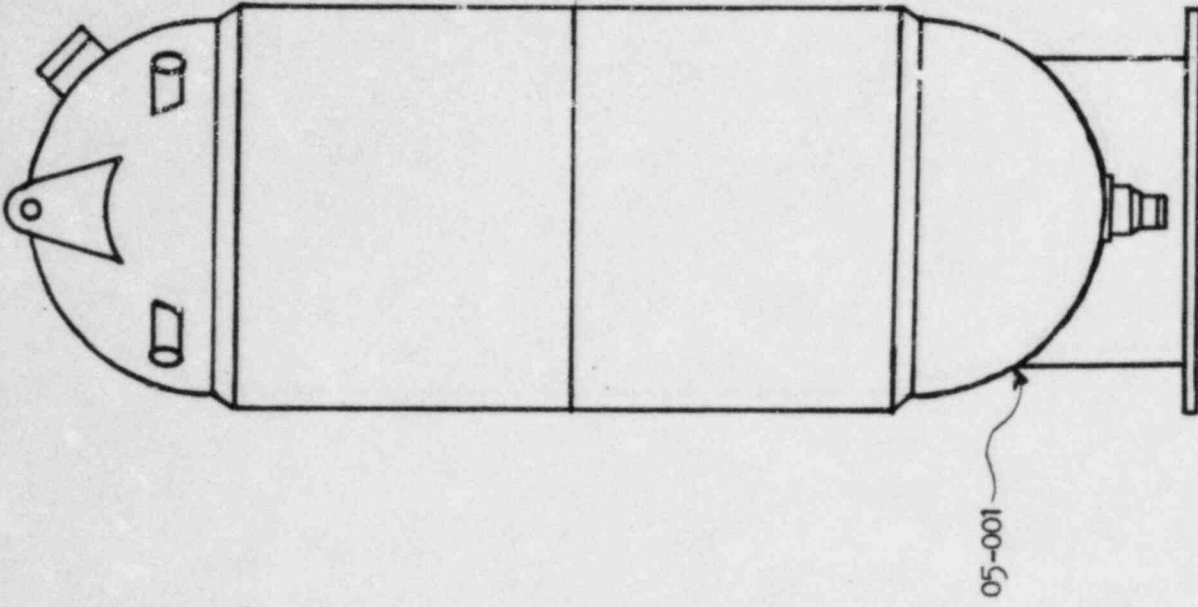


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

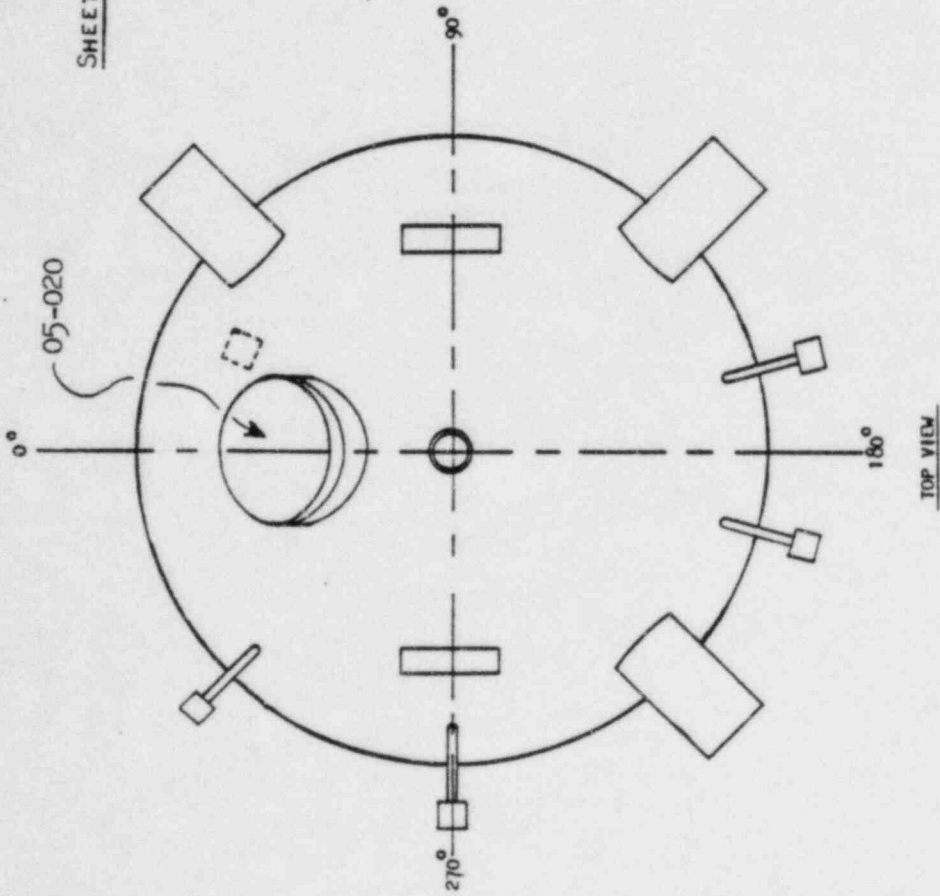
Zone: 5Date: 3/15/83Revision: 5PRESSURIZER

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
05-001	SUPPORT SKIRT TO VESSEL WELD	B-H	*SURFACE	ISI-3.1 OR 4.3	N/A
05-020	MANWAY BOLTING	B-G-2	VT-1	N/A	↓

\* METRIC PERFORMED IN THE FABRICATION SHOP.



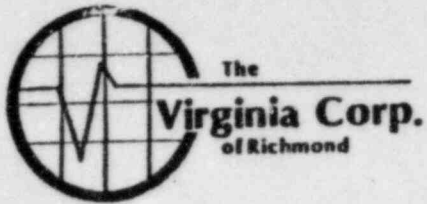
SHEET 1 OF 1



Date: 3/15/83  
Zone: 5  
Revision: 5

Title: PRESSURIZER



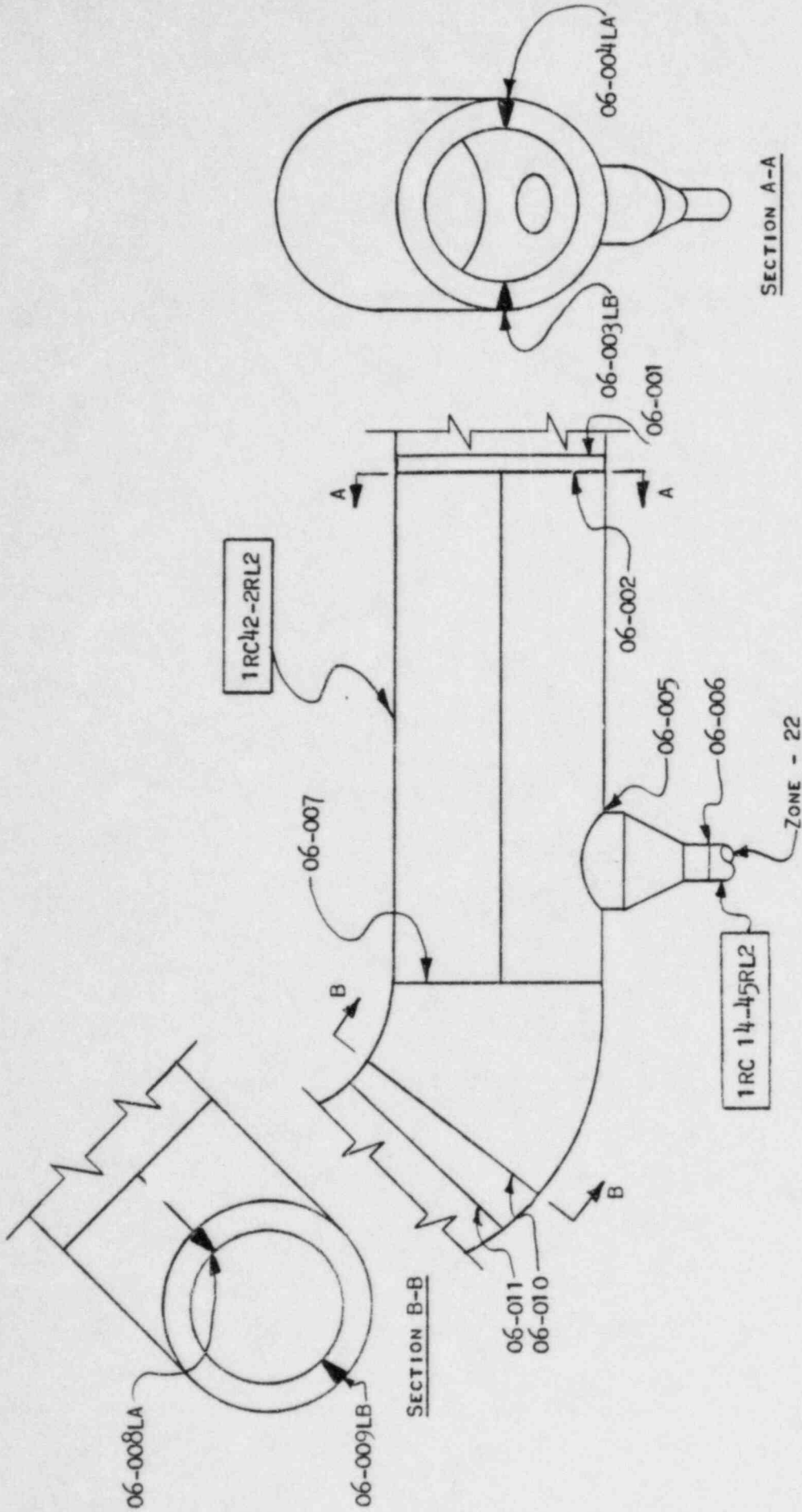


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light


Zone: 6Date: 3/15/83Revision: 5

HOT LEG - REACTOR VESSEL TO STEAM GENERATOR #2

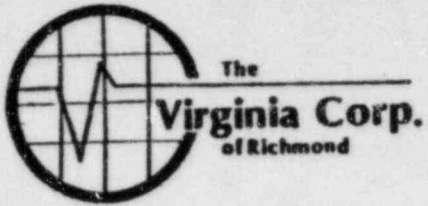
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
06-001	RV NOZZLE TO EXT PC WELD	BJ	VOL. & SURF.	ISI-2.3 & 3.1 OR 4.3	UT-4
06-002	EXT PC TO STR PIPE WELD				
06-003-LB	STR PIPE LONG. SEAM -LT SIDE				
06-004-LA	STR PIPE LONG. SEAM-RT SIDE				
06-005	SHUTDOWN COOLING NOZZLE TO PIPE WELD	↓			↓
06-006	SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-16
06-007	ELL TO STR PIPE WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-4
06-008-LA	ELL LONG. SEAM-SHORT WELD				
06-009-LB	ELL LONG. SEAM-LONG WELD				
06-010	ELL TO EXT PC				
06-011	EXT PC TO SG WELD	↓	↓	↓	↓



SHEET 1 OF 1

	<p><b>TITLE:</b> HOT LEG - REACTOR VESSEL TO STEAM GENERATOR #2</p>	<p><b>DATE:</b> 3/15/83  <b>ZONE:</b> 06  <b>REVISION:</b> 5</p>
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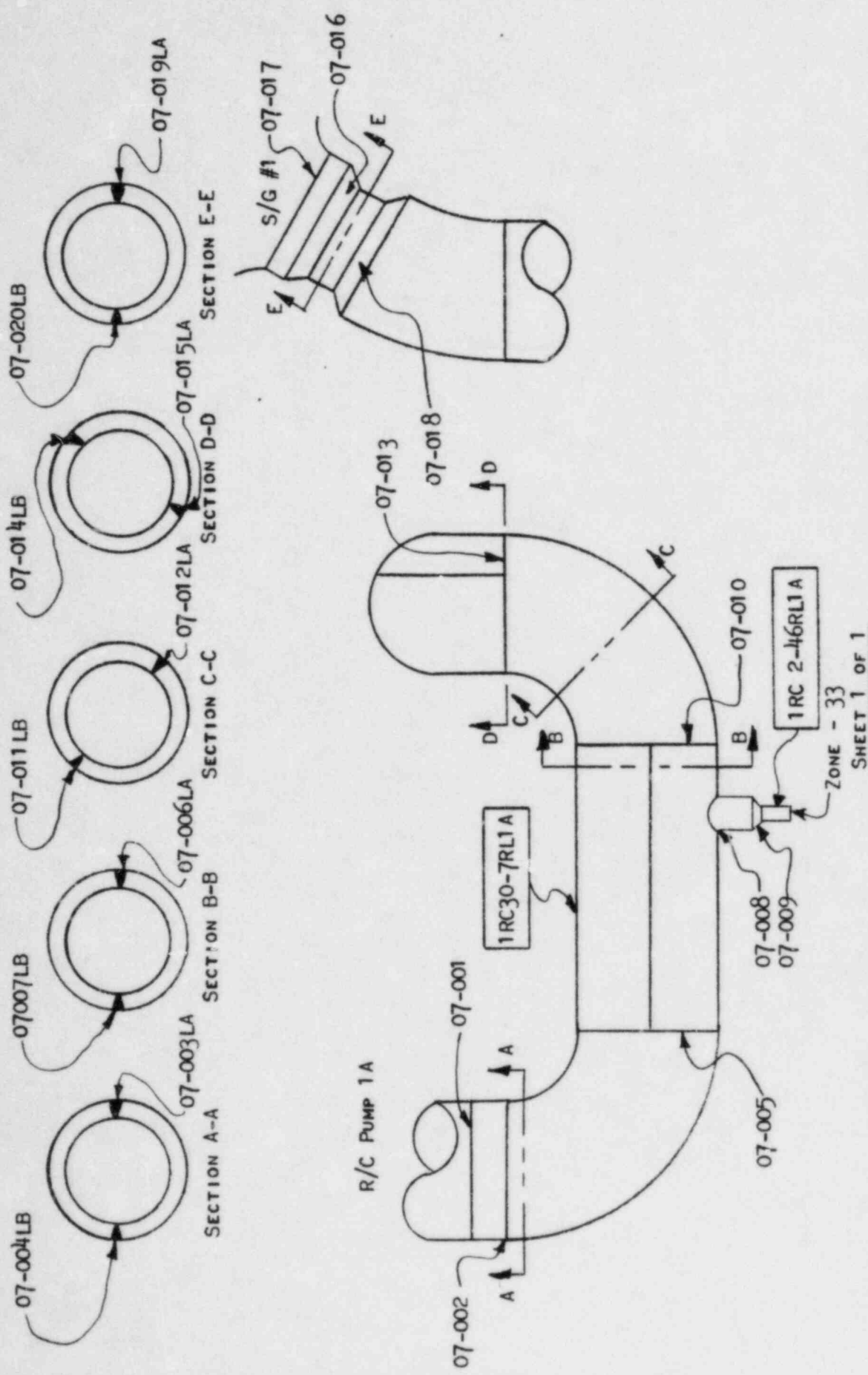
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 7Date: 3/15/83Revision: 5

## COLD LEG - STEAM GENERATOR #1 TO PUMP 1A

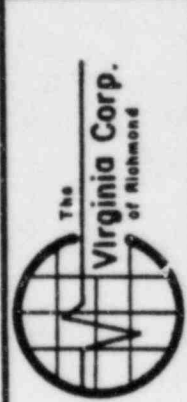
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
07-001	RCP 1A TO SAFE-END WELD	BJ	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-15
07-002	SAFE-END TO ELL WELD	BF		ISI-2.8 & ISI-3.1	↓
07-003-LA	ELL LONG. SEAM-LONG SEAM	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
07-004-LB	ELL LONG. SEAM-SHORT SEAM				
07-005	ELL TO STR PIPE				
07-006-LA	STR PIPE LONG. SEAM-RT SIDE				
07-007-LB	STR PIPE LONG. SEAM-LT SIDE				
07-008	DRAIN NOZZLE TO PIPE WELD	↓		↓	↓
07-009	DRAIN NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
07-010	STR PIPE TO ELL WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
07-011-LB	ELL LONG. SEAM-SHORT WELD				
07-012-LA	ELL LONG. SEAM-LONG WELD				
07-013	ELL TO 45 DEG ELL WELD				
07-014-LB	45 DEG ELL LONG. SEAM-LONG WELD	↓	↓	↓	↓





DATE:	3/15/83
ZONE:	07
REVISION:	5

TITLE: COLD LEG - STEAM GENERATOR #1 TO PUMP 1A





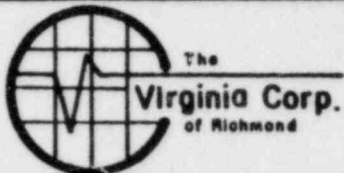
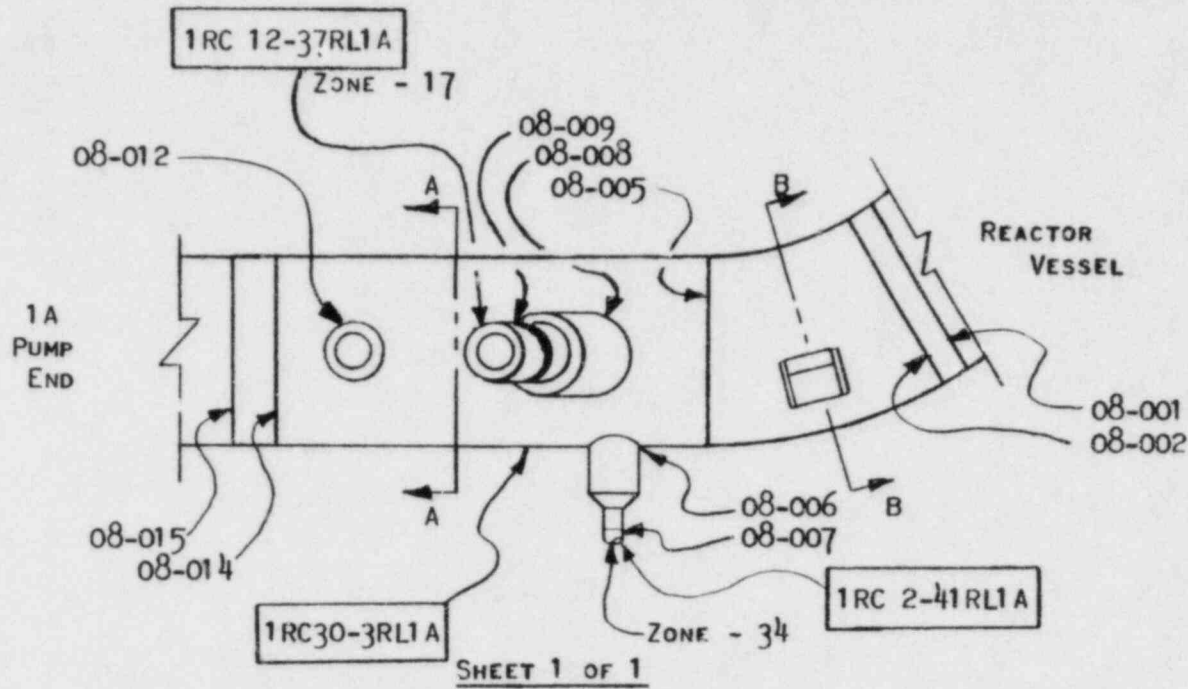
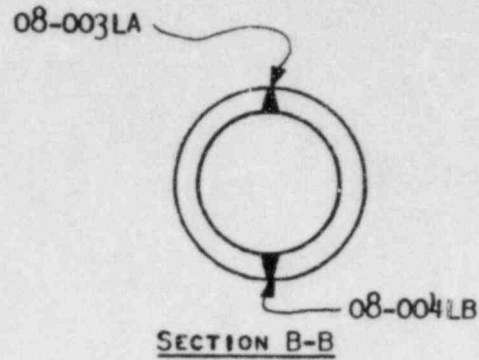
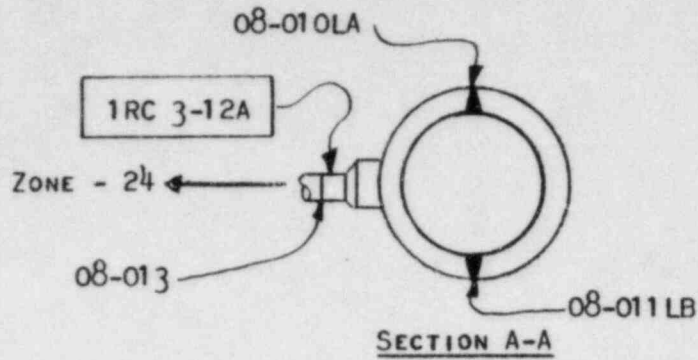
**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 8Date: 3/15/83Revision: 5

COLD LEG - PUMP 1A TO REACTOR VESSEL

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
08-001	RV NOZZLE TO EXT PC WELD	BJ	VOL. & SURF.	ISI-2.3 & 3.1 OR 4.3	UT-6
08-002	EXT PC TO ELL WELD				
08-003-LA	ELL LONG. SEAM-SHORT WELD				
08-004-LB	ELL LONG. SEAM-LONG WELD				
08-005	ELL TO STR PIPE WELD				
08-006	CHARGING NOZZLE TO PIPE WELD				
08-007	CHARGING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
08-008	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO PIPE WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
08-009	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-16
08-010-LA	STR PIPE LONG. SEAM-RT SIDE	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
08-011-LB	STR PIPE LONG. SEAM-LT SIDE				
08-012	SPRAY NOZZLE TO PIPE WELD				
08-013	SPRAY NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
08-014	STR PIPE TO SAFE-END WELD				UT-15





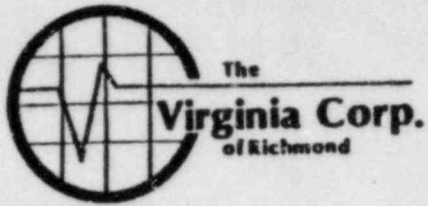
TITLE:

COLD LEG - PUMP 1A TO  
REACTOR VESSEL

DATE: 3/15/83

ZONE: 08

REVISION: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

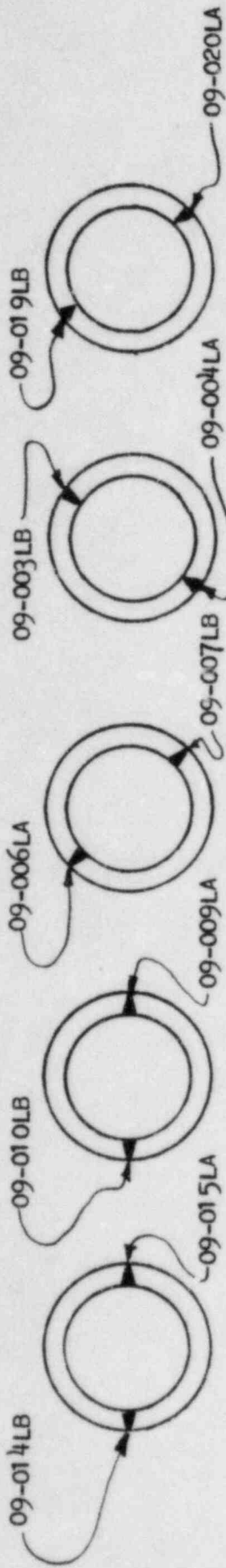
Zone: 9Date: 3/15/83Revision: 5

COLD LEG - STEAM GENERATOR #1 TO PUMP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
09-001	S.G. NOZZLE TO NOZZLE EXT PC WELD	BJ	VOL. & SURF.	ISI-2.3 & 3.1 OR 4.3	UT-6
09-002	S.G. NOZZLE EXT PC TO ELL EXT PC WELD				
09-003-LB	45 DEG ELL LONG. SEAM-LONG WELD				
09-004-LA	45 DEG ELL LONG. SEAM-SHORT WELD				
09-005	45 DEG ELL TO ELL WELD				
09-006-LA	ELL LONG. SEAM-SHORT WELD				
09-007-LB	ELL LONG. SEAM-LONG WELD				
09-008	ELL TO STR PIPE WELD				
09-009-LA	STR PIPE LONG. SEAM-RT SIDE				
09-010-LB	STR PIPE LONG. SEAM-LT SIDE				
09-011	DRAIN NOZZLE TO PIPE WELD				
09-012	DRAIN NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
09-013	STR PIPE TO ELL WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
09-014-EB	ELL LONG. SEAM-SHORT WELD				







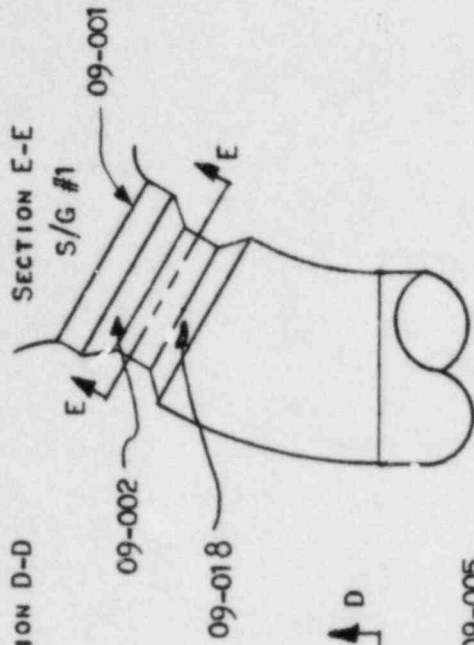
SECTION E-E

SECTION D-D


SECTION C-C

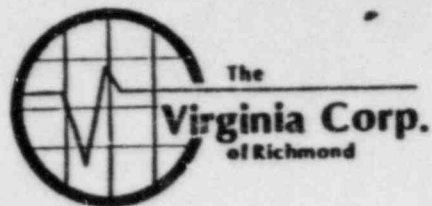
SECTION B-B

SECTION A-A



SHEET 1 OF 1

	<p>TITLE: COLD LEG - STEAM GENERATOR #1 To PUMP 1B</p>	<p>DATE: 3/15/83 ZONE: 09 REVISION: 5</p>
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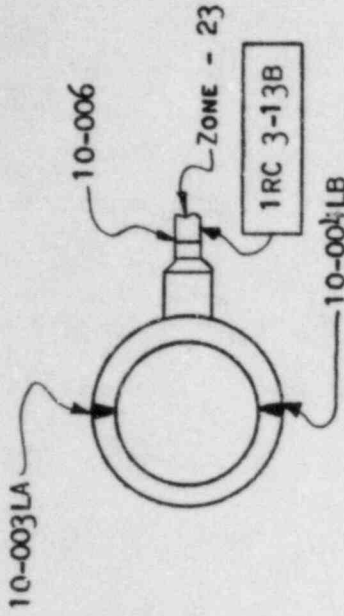


PROGRAM PLAN  
Waterford III  
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Louisiana Power & Light

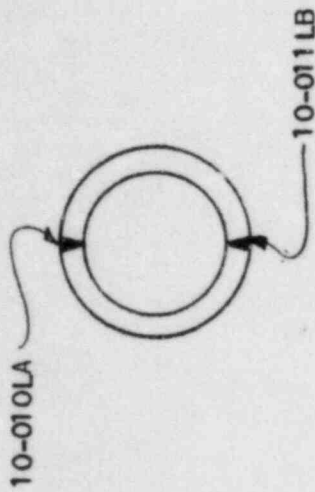
Zone: 10Date: 3/15/83Revision: 5

## COLD LEG - PUMP 1B TO REACTOR VESSEL

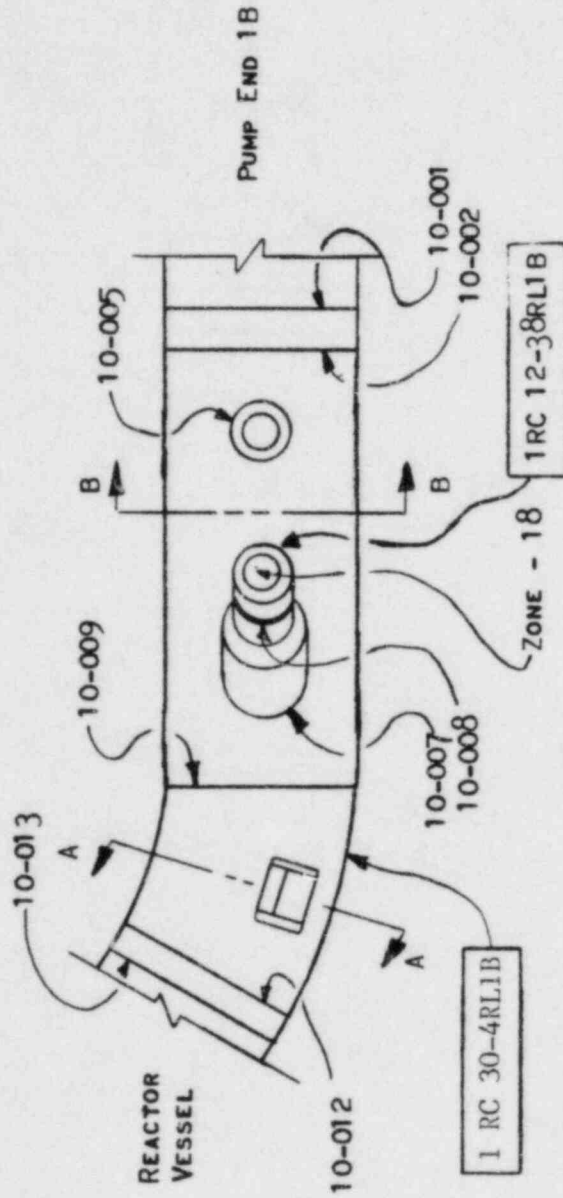
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
10-001	RCP 1B TO SAFE-END WELD	BJ	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-15
10-002	SAFE-END TO STR PIPE WELD	BF		ISI-2.8 & ISI-3.1	↓
10-003-LA	STR PIPE LONG. SEAM-RT SIDE	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
10-004-LB	STR PIPE LONG. SEAM-LT SIDE	↓		↓	↓
10-005	SPRAY NOZZLE TO PIPE WELD	↓		↓	↓
10-006	SPRAY NOZZLE	BF		ISI-2.8 & ISI-3.1	UT-18
10-007	SAFETY INJECTION & SHUTDOWN COOLING NOZZLE TO PIPE WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
10-008	SAFETY INJECTION & SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-16
10-009	STR PIPE TO ELL WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
10-010-LA	45 DEG ELL LONG. SEAM-SHORT WELD	↓		↓	↓
10-011-LB	45 DEG ELL LONG. SEAM-LONG WELD	↓		↓	↓
10-012	45 DEG ELL TO EXT PC	↓		↓	↓
10-013	EXT PC TO RV NOZZLE WELD	↓		↓	↓



SECTION B-B



SECTION A-A



SHEET 1 OF 1



TITLE:

COLD LEG - PUMP 1B TO  
REACTOR VESSEL

DATE: 3-15-83

ZONE: 10

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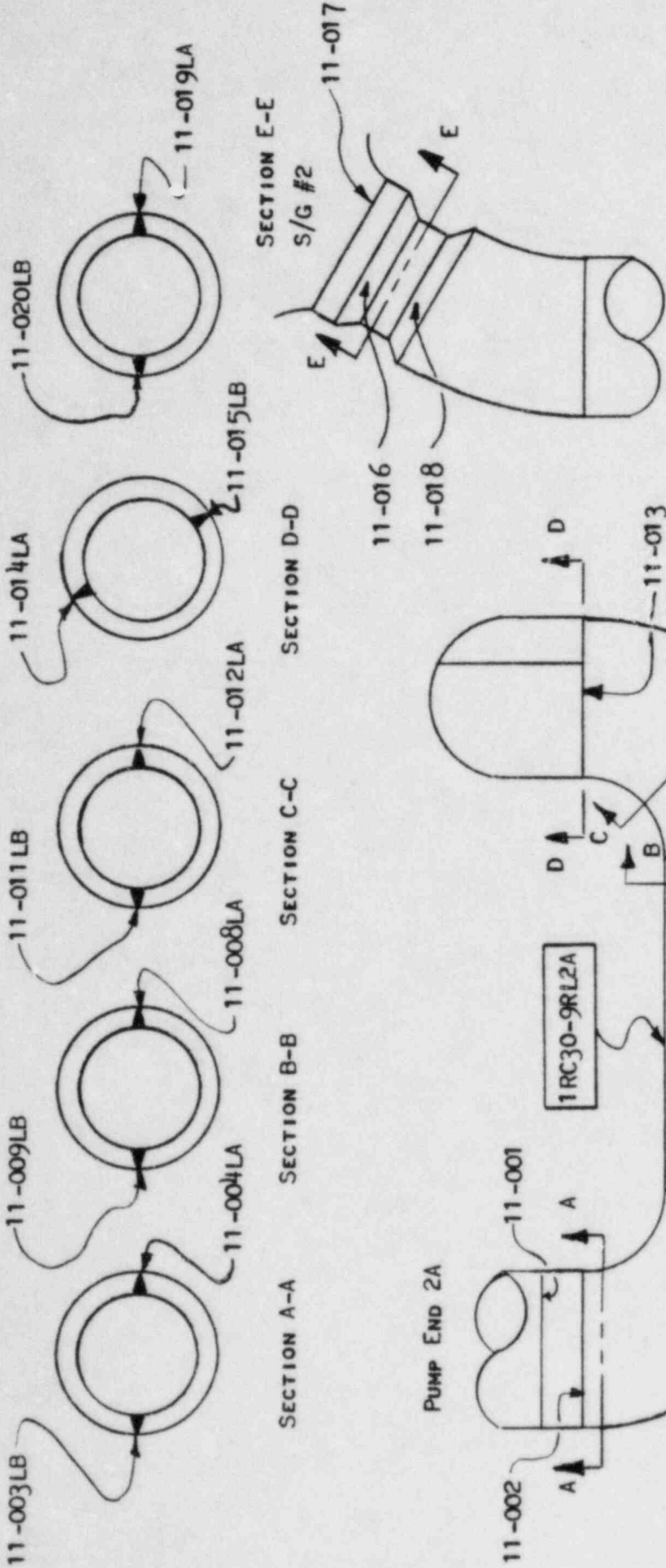
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 11Date: 3/15/83Revision: 5

## STEAM GENERATOR #2 TO PUMP 2A

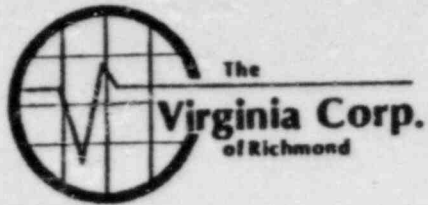
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
11-001	RCP 2A TO SAFE-END WELD	BJ	VOL & SURF.	ISI-2.8 & ISI-3.1	UT-15
11-002	SAFE-END TO ELL WELD	BF		ISI-2.8 & ISI-3.1	↓
11-003-LB	ELL LONG. SEAM-SHORT WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
11-004-LA	ELL LONG. SEAM-LONG WELD				
11-005	ELL TO STR PIPE WELD				
11-006	DRAIN NOZZLE TO PIPE WELD				
11-007	DRAIN NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
11-008-LA	STR PIPE LONG. SEAM-RT SIDE	EJ		ISI-2.3 & 3.1 OR 4.3	UT-6
11-009-LB	STR PIPE LONG. SEAM-LT SIDE				
11-010	STR PIPE TO ELL WELD				
11-011-LB	ELL LONG. SEAM-SHORT WELD				
11-012-LA	ELL LONG. SEAM-LONG WELD				
11-013	ELL TO 45 DEG ELL WELD				
11-014-LA	45 DEG ELL LONG. SEAM-LONG WELD				





SHEET 1 OF 1

	<p><b>TITLE:</b> STEAM GENERATOR #2 TO PUMP 2A</p>	<p><b>DATE:</b> 3/15/83  <b>ZONE:</b> 11  <b>REVISION:</b> 5</p>
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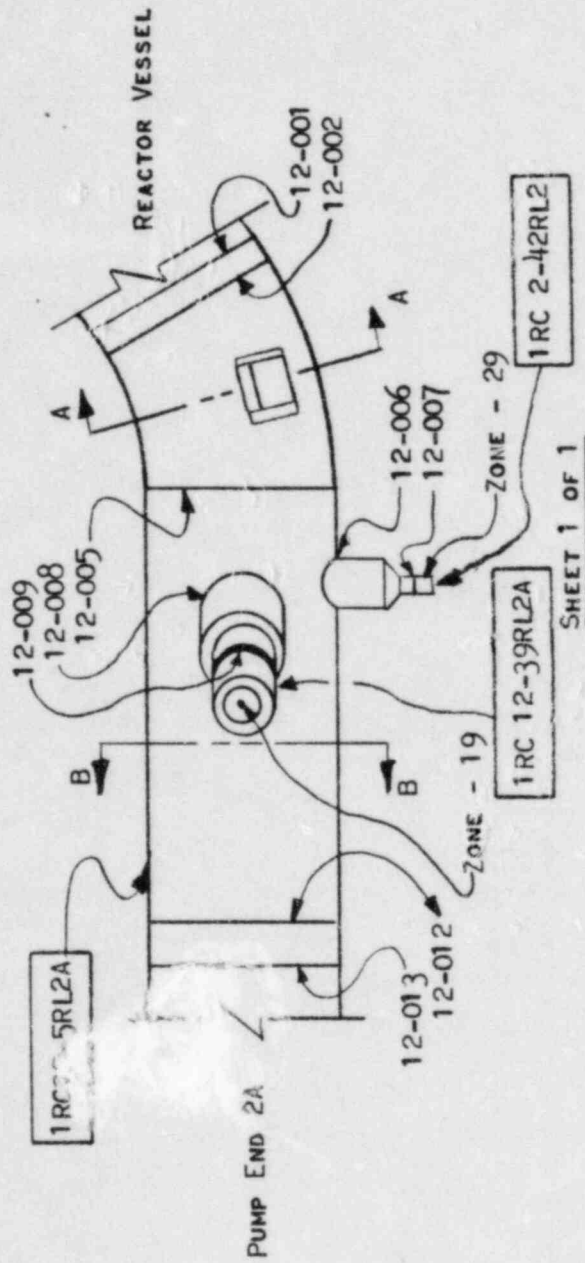
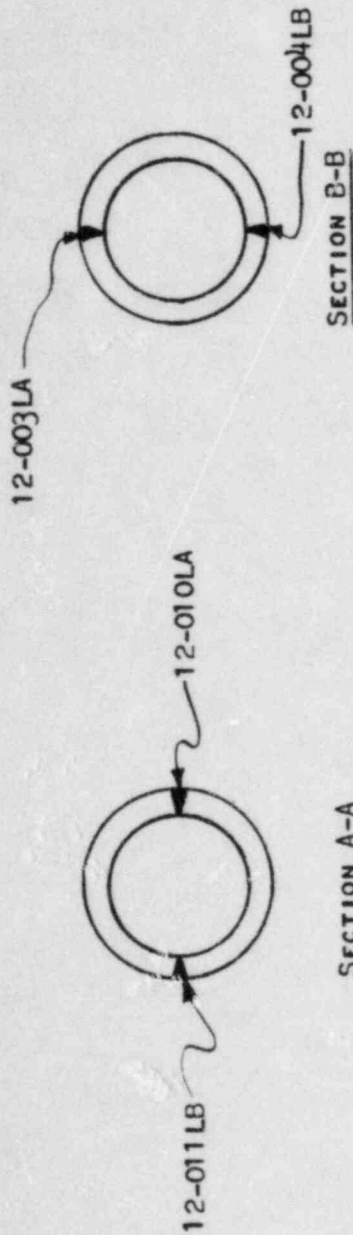


**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 12Date: 3/15/83Revision: 5

COLD LEG - PUMP 2A TO REACTOR VESSEL

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
12-001	RV NOZZLE TO EXT PC WELD	BJ	VOL. & SURF.	ISI-2.3 & 3.1 OR 4.3	UT-6
12-002	EXT PC TO ELL WELD				
12-003-LA	ELL LONG. SEAM-LONG WELD				
12-004-LB	ELL LONG. SEAM-SHORT WELD				
12-005	ELL TO STR PIPE WELD				
12-006	CHARGING NOZZLE TO PIPE WELD	↓		↓	↓
12-007	CHARGING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
12-008	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO PIPE WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
12-009	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-16
12-010-LA	STR PIPE LONG. SEAM-RT SIDE	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
12-011-LB	STR PIPE LONG. SEAM-LT SIDE	↓		↓	↓
12-012	STR PIPE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-15
12-013	SAFE-END TO RCP 2A WELD	BJ		ISI-2.7 & ISI-3.1	↓



TITLE: COLD LEG - PUMP 2A TO REACTOR VESSEL

DATE: 3/15/83  
 ZONE: 12  
 REVISION: 5





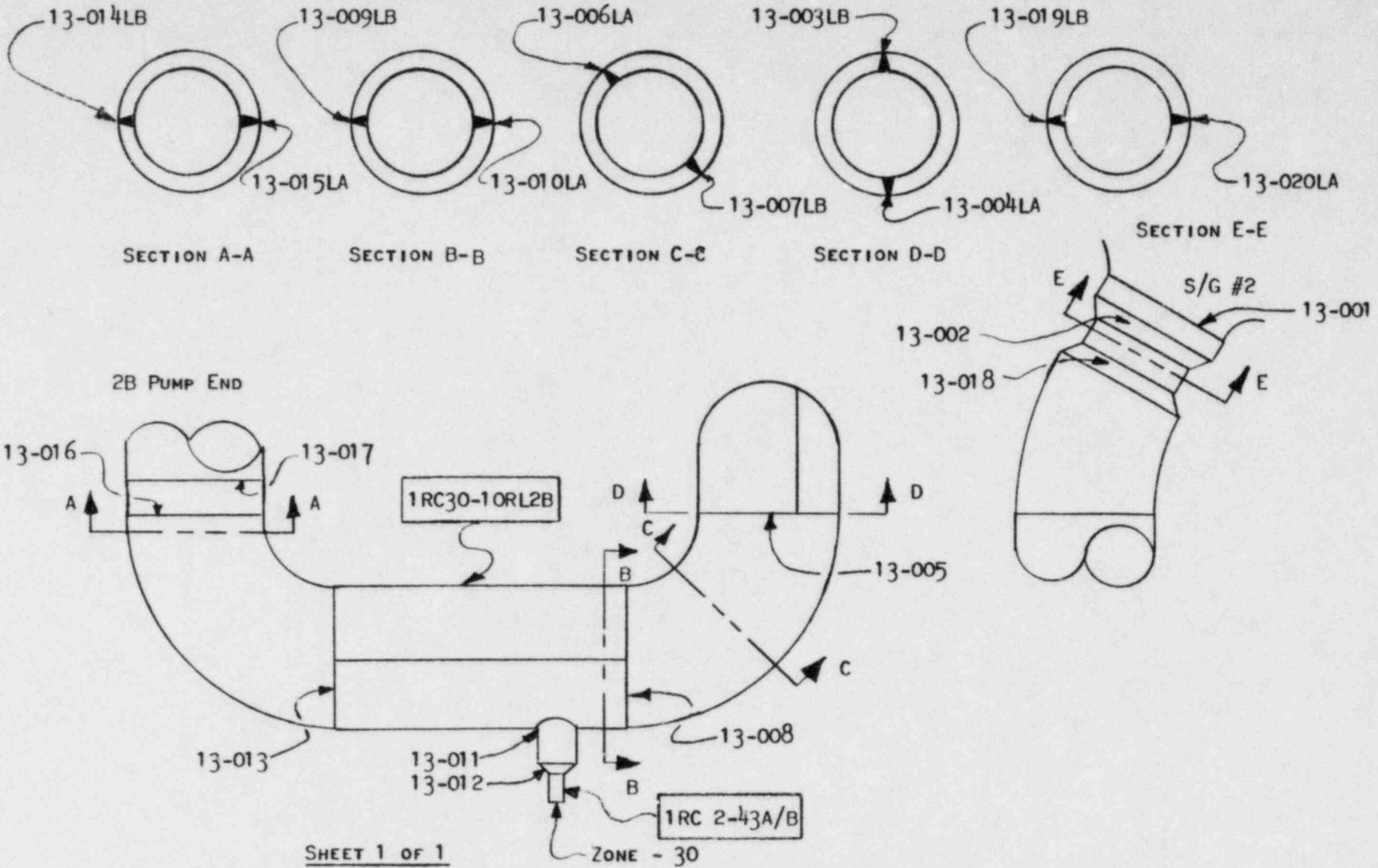
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 13Date: 3/15/83Revision: 5

COLD LEG - STEAM GENERATOR #2 TO PUMP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
13-001	S. G. NOZZLE TO NOZZLE EXT PC WELD	BJ	VOL. & SURF.	ISI-2.3 & 3.1 OR 4.3	UT-6
13-002	S. G. NOZZLE EXT PC TO ELL EXT PC WELD				
13-003-LB	45 DEG ELL LONG. SEAM-LONG WELD				
13-004-LA	45 DEG ELL LONG. SEAM-SHORT WELD				
13-005	45 DEG ELL TO ELL WELD				
13-006-LA	ELL LONG. SEAM-SHORT WELD				
13-007-LB	ELL LONG. SEAM-LONG WELD				
13-008	ELL TO STR PIPE WELD				
13-009-LB	STR PIPE LONG. SEAM-RT SIDE				
13-010-LA	STR PIPE LONG. SEAM-LT SIDE				
13-011	DRAIN NOZZLE TO PIPE WELD				
13-012	DRAIN NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-18
13-013	STR PIPE TO ELL WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
13-014-LB	ELL LONG. SEAM-SHORT WELD				





SHEET 1 OF 1



TITLE: COLD LEG - STEAM GENERATOR #2  
TO PUMP 2B

DATE: 3/15/83  
ZONE: 13  
REVISION: 5



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 Waterford III  
 EBASCO Services Inc.  
 Louisiana Power & Light

Zone: 14  
 Date: 3/15/83  
 Revision: 5

**COLD LEG - PUMP 2B TO REACTOR VESSEL**

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
14-001	RCP 2B TO SAFE-END WELD	BJ	VoL. & SURF.	ISI-2.7 & ISI-3.1	UT-15
14-002	SAFE-END TO STR PIPE WELD	BF		ISI-2.8 & ISI-3.1	↓
14-003-LA	STR PIPE LONG. SEAM-RT SIDE	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
14-004-LB	STR PIPE LONG. SEAM-LT SIDE				↓
14-005	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO PIPE WELD	↓			↓
14-006	SAFETY INJECTION AND SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	BF		ISI-2.8 & ISI-3.1	UT-16
14-007	STR PIPE TO ELL WELD	BJ		ISI-2.3 & 3.1 OR 4.3	UT-6
14-008-LA	45 DEG ELL LONG. SEAM-SHORT WELD				↓
14-009-LB	45 DEG ELL LONG. SEAM-LONG WELD				↓
14-010	45 DEG ELL EXT PC WELD				↓
14-011	EXT PC TO RV NOZZLE WELD	↓			↓





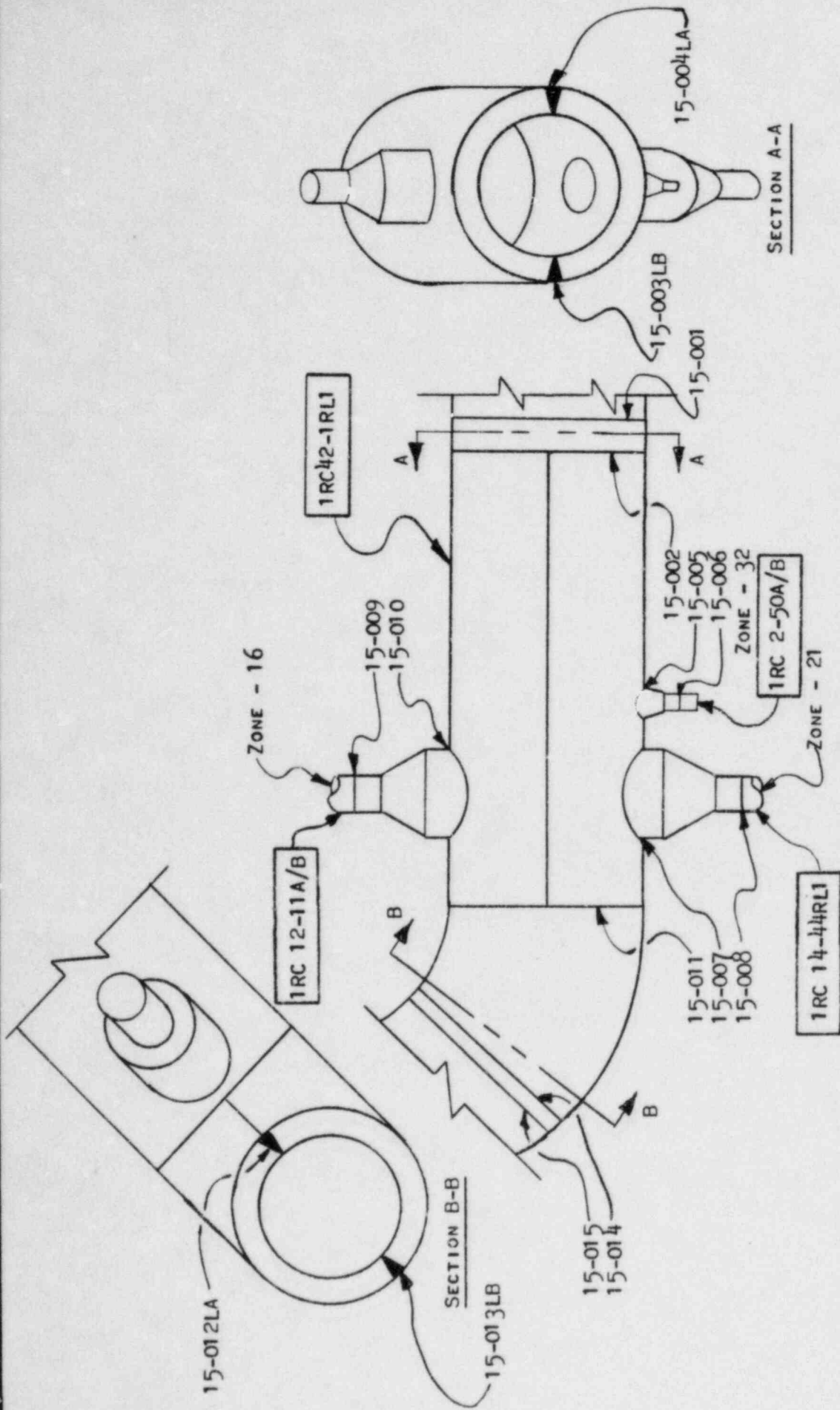
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 15Date: 3/15/83Revision: 5

## HOT LEG - REACTOR VESSEL TO STEAM GENERATOR: #1

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
15-001	R.V. NOZZLE TO EXT. PC. WELD	B-J	VOL. & SURF.	ISI-2.3 & ISI-3.1 OR 4.3	UT-4
15-002	EXT. PC. TO STR. PIPE WELD				
15-003LB	STR. PIPE LONG SEAM-LT SIDE				
15-004LA	STR. PIPE LONG SEAM-RT SIDE				
15-005	DRAIN NOZZLE TO PIPE WELD	↓		↓	↓
15-006	DRAIN NOZZLE TO SAFE-END WELD	B-F		ISI-2.8 & ISI-3.1	UT-18
15-007	SHUTDOWN COOLING NOZZLE TO PIPE WELD	B-J		ISI-2.3 & ISI-3.1 OR 4.3	UT-4
15-008	SHUTDOWN COOLING NOZZLE TO SAFE-END WELD	B-F		ISI-2.8 & ISI-3.1	UT-16
15-009	SURGE LINE NOZZLE TO SAFE-END WELD	↓		↓	↓
15-010	SURGE LINE TO PIPE WELD	B-J		ISI-2.3 & ISI-3.1 OR 4.3	UT-4
15-011	STR. PIPE TO 45 DEG. ELL WELD				
15-012LA	45 DEG. ELL LONG SEAM-SHORT WELD				
15-013LB	45 DEG. ELL LONG SEAM-LONG WELD				
15-014	45 DEG. ELL TO EXT. PC. WELD	↓	↓	↓	↓

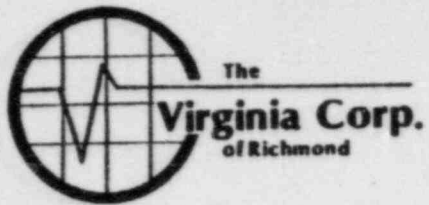




SHEET 1 OF 1

<p>The Virginia Corp. of Richmond</p>	<p>TITLE: HOT LEG - REACTOR VESSEL TO STEAM GENERATOR #1</p>	<p>DATE: 3/15/83          ZONE: 15          REVISION: 5</p>
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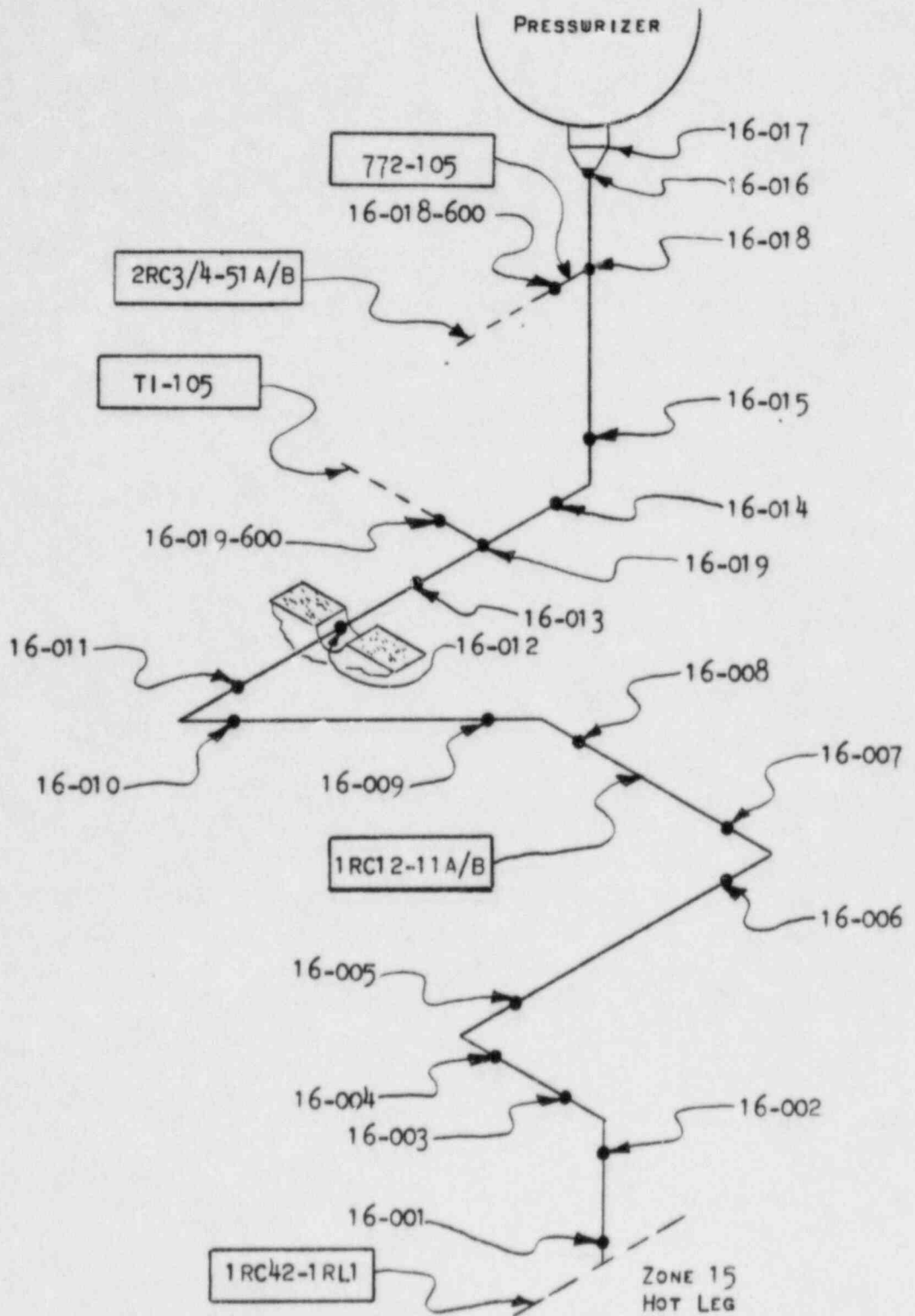


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 16Date: 3/15/83Revision: 5PRESSURIZER SURGE LINE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
16-001	SURGE LINE TO RCS SURGE LINE NOZZLE SAFE-END WELD	B-J	VOL. & SURF.	ISI-2.3, ISI-2.8 & ISI-3.1	UT-23 & UT-16
16-002	12" PIPE TO ELL WELD			ISI-2.3 & ISI-3.1	UT-23
16-003	ELL TO 12" PIPE WELD				
16-004	12" PIPE TO ELL WELD				
16-005	ELL TO 12" PIPE WELD				
16-006	12" PIPE TO ELL WELD				
16-007	ELL TO 12" PIPE WELD				
16-008	12" PIPE TO 80 DEG ELL WELD				
16-009	80 DEG ELL TO 12" PIPE WELD				
16-010	12" PIPE TO 80 DEG ELL WELD				
16-011	80 DEG ELL TO 12" PIPE WELD				
16-012	12" PIPE TO PIPE WELD				
16-013	12" PIPE TO PIPE WELD				
16-014	12" PIPE TO ELL WELD				





TITLE

PRESSURIZER SURGE LINE

DATE: 3/15/83

ZONE: 16

REVISION: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 17Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-001	12" SAFE-END TO PIPE WELD	BJ	VOL. & SURF.	ISI-2.7, ISI-2.8 & ISI-3.1	UT-106 & UT-16
17-002	12" PIPE TO ELL WELD			ISI-2.7 & ISI-3.1	UT-106
17-003	ELL TO 12" PIPE WELD				
17-004	12" PIPE TO ELL WELD				
17-005	ELL TO 12" PIPE WELD				
17-006	12" PIPE TO ELL WELD				
17-007	ELL TO 12" PIPE WELD				
17-008	12" PIPE TO ELL WELD				
17-009	ELL TO 12" PIPE WELD				
17-010	12" PIPE TO 45 DEG ELL WELD				
17-011	45 DEG ELL TO 12" PIPE WELD				
17-012	12" PIPE TO 45 DEG ELL WELD				
17-013	45 DEG ELL TO 12" PIPE WELD				
17-014	12" PIPE TO VALVE END WELD				

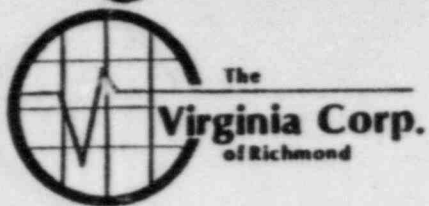


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Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 17Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-015	VALVE 1SI-V1509RL1A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
17-016	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
17-017	12" PIPE TO ELL WELD		↓	↓	↓
17-018	ELL TO 12" PIPE WELD		↓	↓	↓
17-019	12" PIPE TO ELL WELD		↓	↓	↓
17-020	ELL TO 12" PIPE WELD		↓	↓	↓
17-021-600	1SI1-150TK1A FROM 1SI12-119RL1A TO VALVE 1SI-F1551TK1A		EXEMPT IWB-1220 (B)	N/A	N/A
17-022-600	1SI1-27RL1A FROM 1SI12-119RL1A TO VALVE 1SI-V2503-5		↓	↓	↓
17-023	TEE TO 12" PIPE WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
17-024	TEE TO 12" PIPE WELD		↓	↓	↓
17-025	12" PIPE TO VALVE END WELD		↓	↓	↓
17-026	VALVE 1SI-V1505TK1A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓



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## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-027	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
17-028	12" PIPE TO ELL WELD	↓	↓	↓	↓
17-029	ELL TO 12" PIPE WELD	↓	↓	↓	↓
17-030	12" PIPE TO VALVE END WELD	↓	↓	↓	↓
17-031	VALVE ISI-VI510TK1A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	
17-032	TEE TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
17-033	12" PIPE TO 12"x 8" RED WELD	↓	↓	↓	↓
17-034	12"x 8" RED WELD TO 8" PIPE WELD	↓	↓	↓	UT-105
17-035	8" PIPE TO ELL WELD	↓	↓	↓	↓
17-036	ELL TO 8" PIPE WELD	↓	↓	↓	↓
17-037	8" PIPE TO ELL WELD	↓	↓	↓	↓
17-038	ELL TO 8" PIPE WELD	↓	↓	↓	↓
17-039	8" PIPE TO 45 DEG ELL WELD	↓	↓	↓	↓

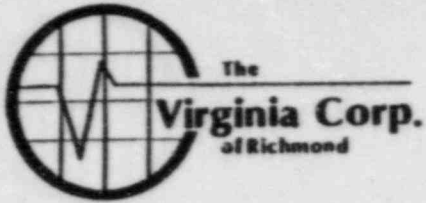


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Waterford III  
EBASCO Services Inc.  
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Zone: 17Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-040	45 DEG ELL TO 8" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
17-041	8" PIPE TO 45 DEG ELL WELD				
17-042	45 DEG ELL TO 8" PIPE WELD				
17-043	8" PIPE TO ELL WELD				
17-044	ELL TO 8" PIPE WELD				
17-045	8" PIPE TO 45 DEG ELL WELD				
17-046	45 DEG ELL TO 8" PIPE WELD				
17-047	8" PIPE TO 8"x 8"x 3" TEE WELD				
17-048	8"x 8"x 3" TEE TO 3" PIPE WELD		SURFACE	ISI-3.1	N/A
17-049	3" PIPE TO ELL WELD				
17-050	ELL TO 3" PIPE WELD				
17-051	3" PIPE TO 45 DEG ELL WELD				
17-052	45 DEG ELL TO 3" PIPE WELD				
17-053	3" PIPE TO VALVE END WELD				



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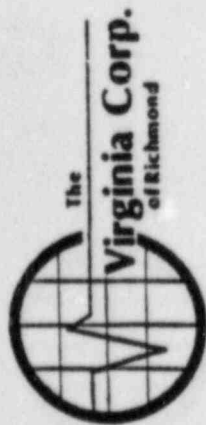
Zone: 17Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-054	VALVE 1SI-VI522RL1A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	EXEMPT BY SIZE	N/A	↓
17-055	8" x 8" x 3" TEE TO 8" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
17-056	8" PIPE TO 45 DEG ELL WELD	↓	↓	↓	↓
17-057	45 DEG ELL TO 8" PIPE WELD	↓	↓	↓	↓
17-058	8" PIPE TO VALVE END WELD	↓	↓	↓	↓
17-059	VALVE 1SI-VI517RL1A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
17-060-600	1SI11-314TK1A FROM 1SI12-120-TK1A TO VALVE 1SI-VI595TK1A	B-J	EXEMPT IWB-1220 (B)	N/A	↓
17-061	VALVE END TO 12" PIPE WELD	* C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
17-062-600	2SI12-148TK1A FROM 2SI12-121TK1A TO VALVE 2SI-F1564TK1A	↓	EXEMPT IWC-1220 (D)	N/A	N/A
17-063-600	COUP TO 12" PIPE WELD	↓	↓	↓	↓
17-063-601	2" PIPE TO PLUG WELD	↓	↓	↓	↓
17-064	12" PIPE TO 12" x 16" RED WELD	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108

\*The requirements of paragraph (6)(2)(iv)(A) of 10 CFR 50.55A apply to category C-F welds.





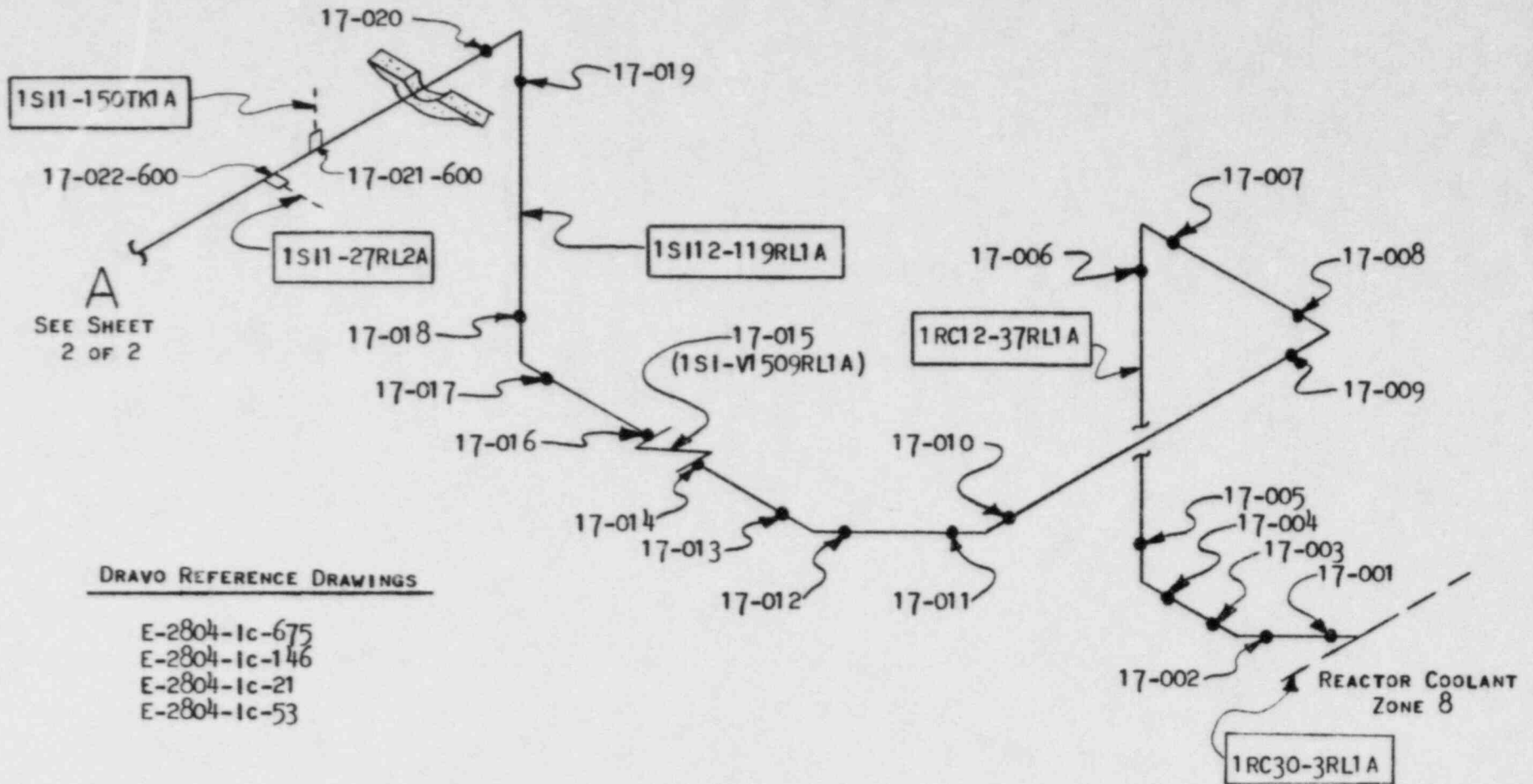
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 17  
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SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
17-065	NOZZLE TO 12" X 16" RED SAFE-END WELD	* C-F	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-16
17-066-600	ISI1-300 FROM ISI3-117R1A TO VALVE ISI-V1592-1	B-J	EXEMPT IWB-1220 (B)	N/A	N/A

\*The requirements of paragraph (b)(2)(iv)(A) of 10 CFR 50.55A apply to category C-F welds.



SHEET 1 OF 2



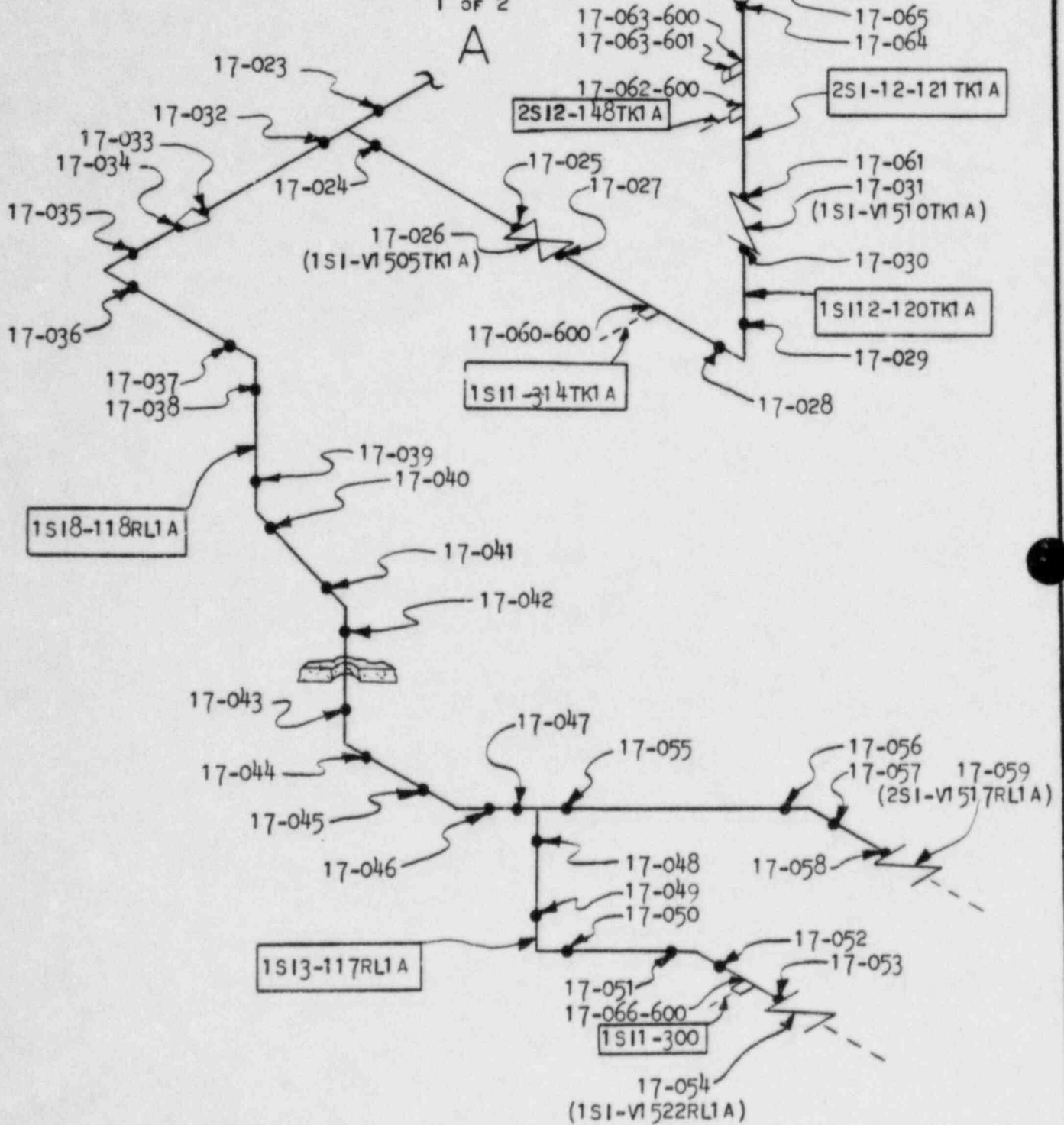
**TITLE:**  
SAFETY INJECTION AND SHUTDOWN  
COOLING TO LOOP 1A

**DATE:** 3/15/83  
**ZONE:** 17  
**REVISION:** 5

SAFETY INJECTION  
TANK #1A

SEE SHEET  
1 OF 2

A



SHEET 2 OF 2



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**TITLE** SAFETY INJECTION AND SHUTDOWN  
COOLING CONNECTION TO LOOP 1A

**DATE:** 3/15/8

**ZONE:** 17

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 18Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
18-001	SAFE-END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7, ISI-2.8 & ISI-3.1	UT-16 & UT-106
18-002	12" PIPE TO 45 DEG ELL WELD				
18-003	45 DEG ELL TO 12" PIPE WELD				
18-004	12" PIPE TO ELL WELD				
18-005	ELL TO 12" PIPE WELD				
18-006	12" PIPE TO 45 DEG ELL WELD				
18-007	45 DEG ELL TO 12" PIPE WELD				
18-008	12" PIPE TO VALVE END WELD				
18-009	VALVE ISI-M511RL1B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3		
18-010	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-011	12" PIPE TO ELL WELD				
18-012	ELL TO 12" PIPE WELD				
18-013	12" PIPE TO ELL WELD				

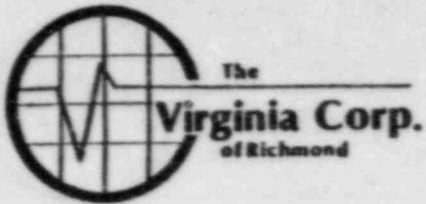


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 18Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
18-014	ELL TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-015	12" PIPE TO ELL WELD				
18-016	ELL TO 12" PIPE WELD				
18-017-600	1SI11-25RL1B FROM 1SI12-127RL1B TO VALVE 1SI-V2503-6		EXEMPT IWB-1220 (B)	N/A	N/A
18-018	12" PIPE TO TEE WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-019	12" TEE TO PIPE WELD				
18-020	12" PIPE TO VALVE END WELD				
18-021	12" GATE VALVE 1SI-V1506TK1B	B-G-2	VT-1	By OWNER	N/A
		B-M-2	VT-3		
18-022	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-023	12" PIPE TO VALVE END WELD				
18-024	CHECK VALVE 1SI-V1512TK1B	B-G-2	VT-1	By OWNER	N/A
		B-M-2	VT-3		
18-025	TEE TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108

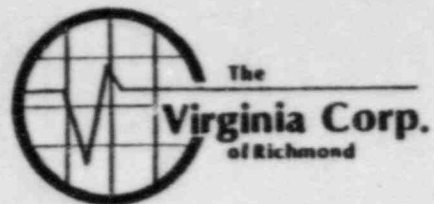


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 18Date: 3/15/83Revision: 5

SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
18-026	12" PIPE TO 12"x 8" RED WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-027	12"x 8" RED TO 8" PIPE WELD		↓	↓	UT-105
18-028-600	1S11-151 TK1 B FROM 1S18-126RL1 B TO VALVE 1S1-F1552TK1 B		EXEMPT IWB-1220 (B)	N/A	N/A
18-029	8" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
18-030	ELL TO 8" PIPE WELD				
18-031	8" PIPE TO ELL WELD				
18-032	ELL TO 8" PIPE WELD				
18-033	8" PIPE TO 45 DEG ELL WELD				
18-034	45 DEG ELL TO 8" EEL WELD				
18-035	8" ELL TO 8" PIPE WELD				
18-036	8" PIPE TO 8"x 8"x 3" TEE WELD				
18-037	8"x 8"x 3" TEE TO 8" PIPE WELD				
18-038	8" PIPE TO ELL WELD				
18-039	ELL TO 8" PIPE WELD				
		↓	↓	↓	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

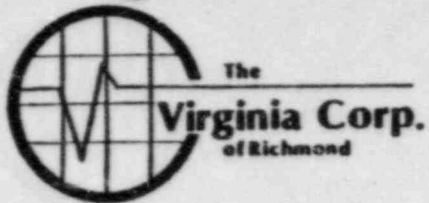
Zone: 18

Date: 3/15/83

Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
18-040	8" PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
18-041	ELL TO 8" PIPE WELD	↓	↓	↓	↓
18-042	8" PIPE TO VALVE END WELD	↓	↓	↓	↓
18-043	8" CHECK VALVE 1SI-V1518RL1B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	
18-044	8"x 8"x 3" TEE TO 3" PIPE WELD	B-J	SURFACE	ISI-3.1	
18-045	3" PIPE TO ELL WELD	↓	↓	↓	↓
18-046	ELL TO 3" PIPE WELD	↓	↓	↓	↓
18-047	3" PIPE TO ELL WELD	↓	↓	↓	↓
18-048	ELL TO 3" PIPE WELD	↓	↓	↓	↓
18-049	3" PIPE TO ELL WELD	↓	↓	↓	↓
18-050	ELL TO 3" PIPE WELD	↓	↓	↓	↓
18-051	3" PIPE TO VALVE END WELD	↓	↓	↓	↓
18-052	3" CHECK VALVE 1SI-V1523RL1B	B-G-2	VT-1	BY OWNER	N/A



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Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 18

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## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
18-052 (CONT'D)	3" CHECK VALVE 1SI-VI523RL1B	B-M-2	EXEMPT BY SIZE	N/A	N/A
18-053-600	1SI1-300 FROM 1SI3-125RL1B TO VALVE 1SI-VI592-3	B-J	EXEMPT IWB-1220 (B)	↓	↓
18-054-600	1SI1-300 FROM 1SI8-126RL1B TO VALVE 1SI-VI592-2	↓	↓	↓	↓
18-055	VALVE END TO 12" PIPE WELD	* C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-056	12" PIPE TO PIPE WELD	↓	↓	↓	↓
18-057-600	2SI2-149TK1B FROM 2SI12-129TK1B TO VALVE 2SI-FI565TK1B	↓	EXEMPT IWC-1220 (D)	N/A	N/A
18-WS-1	PIPE SUPPORT ATTACHMENT WELDS	C-C	EXEMPT (LESS THAN 3/4")	↓	↓
18-058	12" PIPE TO ELL WELD	* C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
18-059	ELL TO 12" PIPE WELD	↓	↓	↓	↓
18-060	12" PIPE TO ELL WELD	↓	↓	↓	↓
18-061	ELL TO 12"x 16" RED WELD	↓	↓	↓	↓
18-062-600	1SI1-316TK1B FROM 1SI12-128TK1B TO VALVE 1SI-VI597TK1B	↓	EXEMPT IWC-1220 (D)	N/A	N/A
18-063	NOZZLE TO 12"x 16" RED SAFE-END WELD	↓	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-16

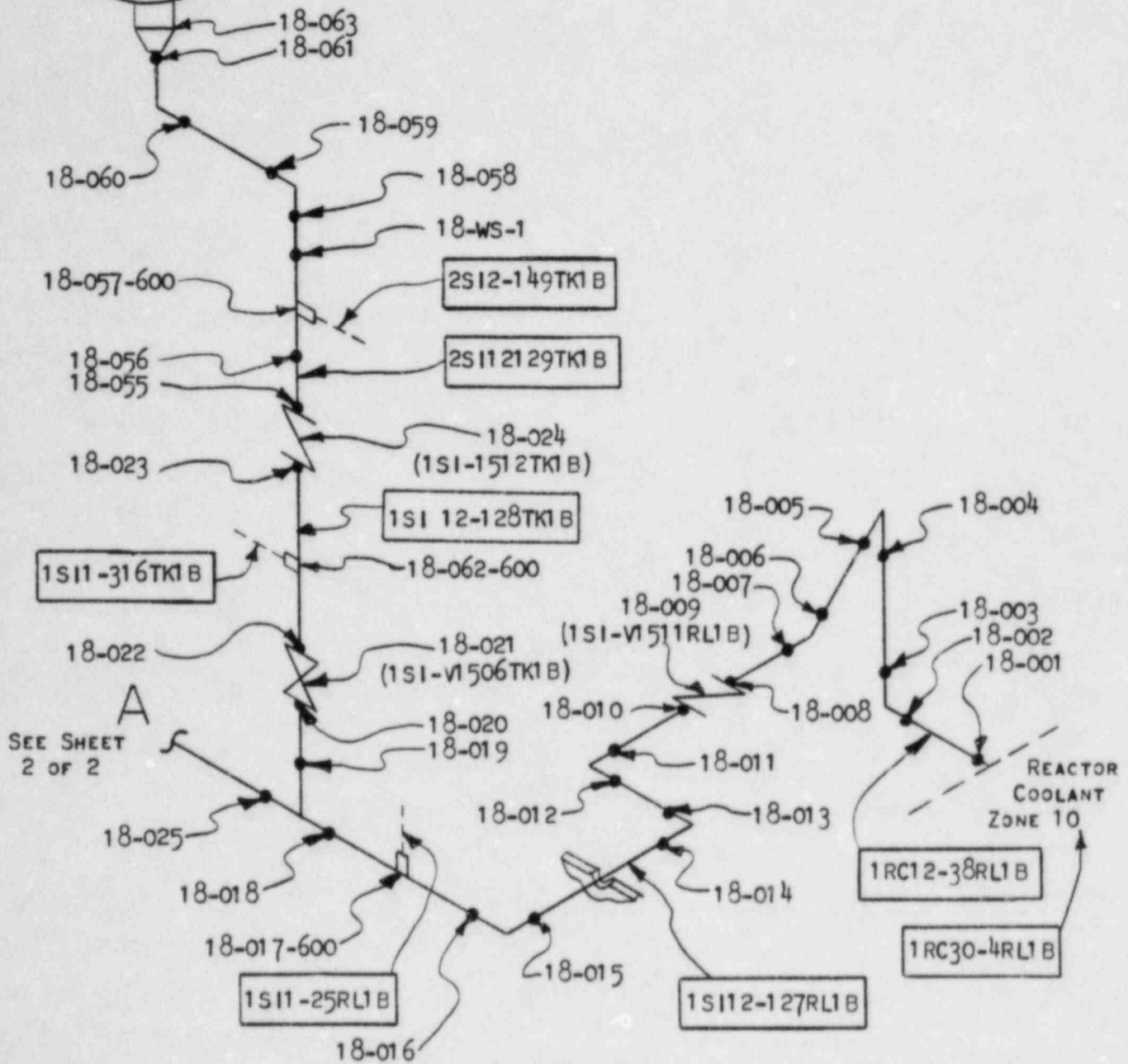
\*The requirements of paragraph (b)(2)(iv)(A) of 10 CFR 50.55A apply to category C-F welds.



SAFETY INJECTION  
TANK 1B

DRAWO REFERENCE DRAWINGS

- E-2803-1c-1
- E-2803-1c-1123
- E-2803-1c-1124
- E-2803-1c-673



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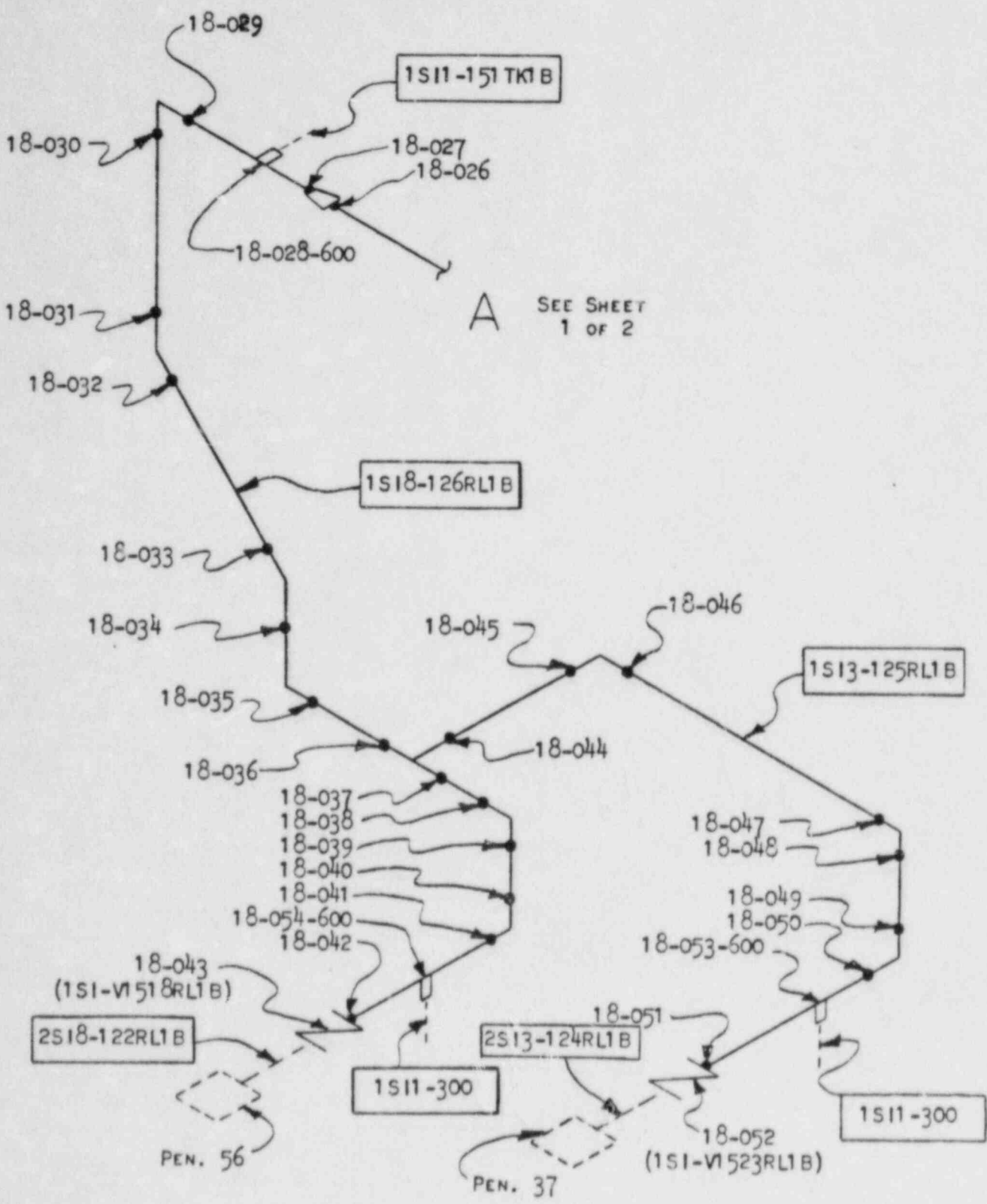
**TITLE**

SAFETY INJECTION AND SHUTDOWN  
COOLING TO LOOP 1B

DATE: 3/15/83

ZONE: 18

REVISION: 5



SHEET 2 OF 2



TITLE

SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 1B

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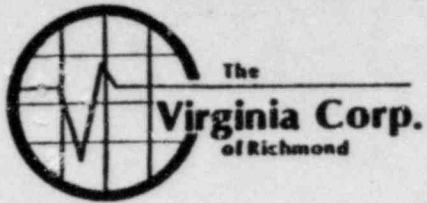


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 19Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
19-001	SAFE-END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7, 2.8 & ISI-3.1	UT-106 & UT-16
19-002	12" PIPE TO ELL WELD	↓	↓	↓	↓
19-003	ELL TO 12" PIPE WELD	↓	↓	↓	↓
19-004	12" PIPE TO ELL WELD	↓	↓	↓	↓
19-005	ELL TO 12" PIPE WELD	↓	↓	↓	↓
19-006	12" PIPE TO VALVE END WELD	↓	↓	↓	↓
19-007	VALVE ISI-VI513RL2A	B-G-2	VT-1	By OWNER	N/A
		B-M-2	VT-3	↓	↓
19-008	VALVE END TO PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-009	12" PIPE TO ELL WELD	↓	↓	↓	↓
19-010	ELL TO 12" PIPE WELD	↓	↓	↓	↓
19-011	12" PIPE TO PIPE WELD	↓	↓	↓	↓
19-012	12" PIPE TO PIPE WELD	↓	↓	↓	↓
19-013	12" PIPE TO ELL WELD	↓	↓	↓	↓

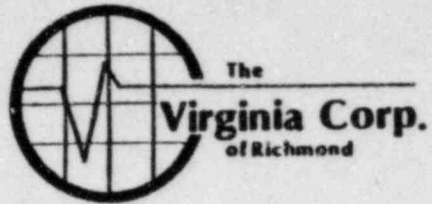


PROGRAM PLAN  
Waterford II  
EBASCO Services Inc.  
Louisiana Power & Light

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SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2A

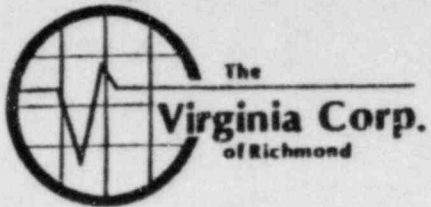
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
19-014	ELL TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-015	12" PIPE TO ELL WELD				
19-016	ELL TO 12" PIPE WELD				
19-017	12" PIPE TO ELL WELD				
19-018	ELL TO 12" PIPE WELD				
19-019-600	1S11-26RL2A FROM 1S112-13 <sup>5</sup> RL2A TO VALVE 1S1-V2503-7		EXEMPT IWB-1220 (B)	N/A	N/A
19-020	12" PIPE TO TEE WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-021	TEE TO 12" PIPE WELD				
19-022	12" PIPE TO ELL WELD				
19-023	ELL TO 12" PIPE WELD				
19-024	12" PIPE TO VALVE END WELD				
19-025	VALVE 1S1-V1507TK2A	B-G-2	VT-1	BY OWNER	N/A
19-025	VALVE 1S1-V1507TK2A	B-M-2	VT-3		
19-026	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 19Date: 3/15/83Revision: 5SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
19-027	12" PIPE TO VALVE END WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-028	VALVE 1S1-V1514TK2A	B-G-2	VT-1	By OWNER	N/A
19-028		B-M-2	VT-3	↓	↓
19-029	12" TEE TO PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-030	12" PIPE TO 12"x 8" RED WELD				↓
19-031	12"x 8" RED TO 8" PIPE WELD				UT-105
19-032	8" PIPE TO ELL WELD				
19-033	ELL TO 8" PIPE WELD				
19-034	8" PIPE TO ELL WELD				
19-035	ELL TO 8" PIPE WELD				
19-036	8" PIPE TO ELL WELD				
19-037	ELL TO 8" PIPE WELD				
19-038	8" PIPE TO 8"x 8"x 3" TEE WELD				
19-039	8"x 8"x 3" TEE TO 8" PIPE WELD	↓	↓	↓	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 19Date: 3/15/83Revision: 5

## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
19-040	8' PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
19-041	ELL TO 8" PIPE WELD	↓	↓	↓	↓
19-042	8" PIPE TO VALVE END WELD	↓	↓	↓	↓
19-043	VALVE 1S1-V1519RL2A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	
19-044	8" x 3" x 3" TEE TO 3" PIPE WELD	B-J	SURFACE	ISI-3.1	
19-045	3" PIPE TO ELL WELD				
19-046	ELL TO 3" PIPE WELD				
19-047	3" PIPE TO ELL WELD				
19-048	ELL TO 3" PIPE WELD				
19-049	3" PIPE TO ELL WELD				
19-050	ELL TO 3" PIPE WELD				
19-051	3" PIPE TO VALVE END WELD	↓	↓	↓	↓
19-052	VALVE 1S1-V1524RL2A	B-G-2	VT-1	BY OWNER	N/A



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2A

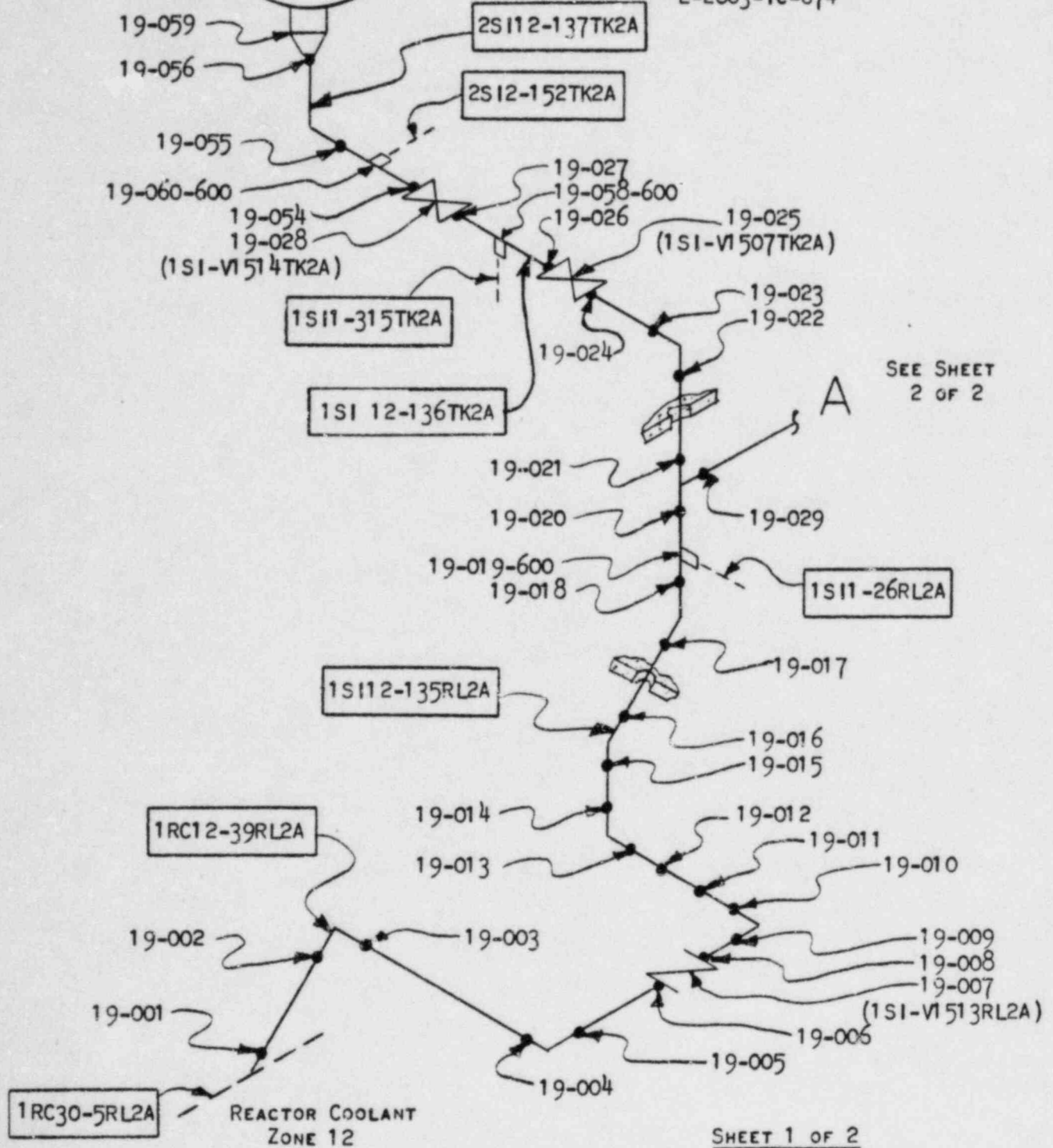
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
19-052 (CONT'D)	VALVE 1S1-V1524RL2A	B-M-2	EXEMPT BY SIZE	N/A	N/A
19-053-600	1S11-154TK2A FROM 1S18-134RL2A TO VALVE 1S1-F1553TK2A	B-J	EXEMPT IWB-1220 (B)	↓	↓
19-054	VALVE END TO 12" PIPE WELD	*C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-108
19-055	12" PIPE TO ELL WELD	↓	↓	↓	↓
19-056	ELL TO 12"x 16" RED WELD	↓	↓	↓	↓
19-057-600	1S11-300 FROM 1S13-133RL2A TO VALVE 1S1-V1592-4	↓	EXEMPT IWC-1220 (D)	N/A	N/A
19-058-600	1S11-315TK2A FROM 1S112-136TK2A TO VALVE 1S1-V1596TK2A	B-J	↓	↓	↓
19-059	NOZZLE TO 12"x 16" RED SAFE-END WELD	*C-F	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-16 & UT-108
19-060-600	2S12-152TK2A FROM 2S112-137TK2A to valve 251-V1566TK2A	↓	EXEMPT IWC-1220 (D)	N/A	N/A

\*The requirements of paragraph (b)(2)(iv)(A) of 10CFR 50.55A apply to category C-F welds.

SAFETY INJECTION  
TANK 2A

DRAVO REFERENCE DRAWINGS

- E-2803-1c-19
- E-2803-1c-20
- E-2803-1c-1122
- E-2803-1c-674



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**TITLE**

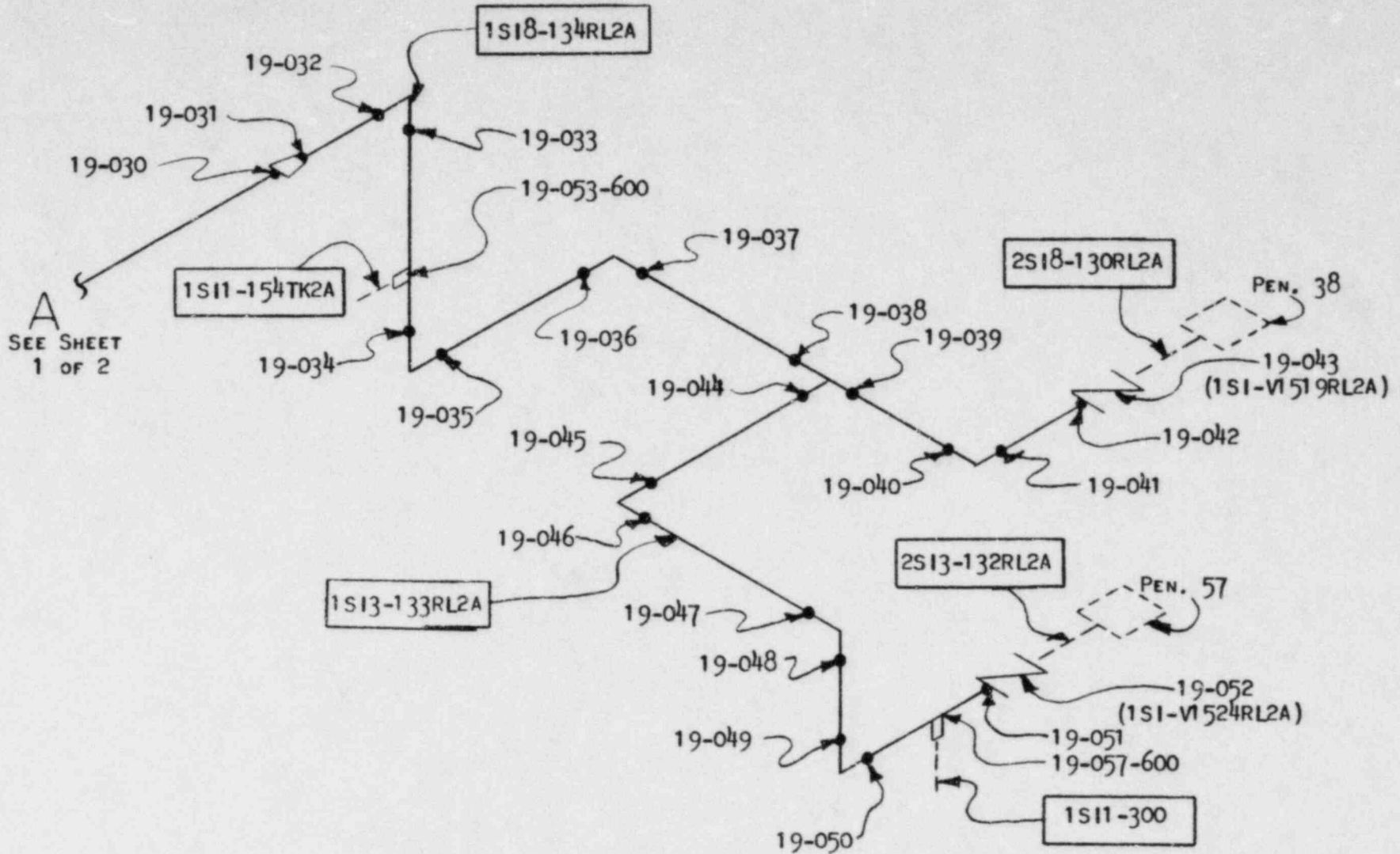
SAFETY INJECTION AND SHUTDOWN  
COOLING TO LOOP 2A

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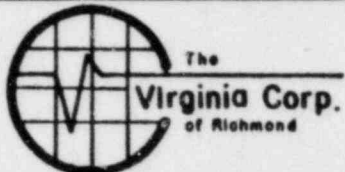
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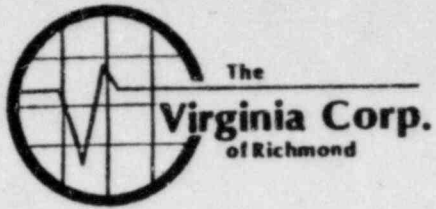
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SAFETY INJECTION AND SHUTDOWN  
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PROGRAM PLAN  
Waterford III  
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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-001	SAFE END TO 12" PIPE	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-106
20-002	12" PIPE TO ELL WELD				
20-003	ELL TO 12" PIPE WELD				
20-004	12" PIPE TO ELL WELD				
20-005	ELL TO 12" PIPE WELD				
20-006	12" PIPE TO ELL WELD				
20-007	ELL TO 12" PIPE WELD				
20-008	12" PIPE TO ELL WELD				
20-009	ELL TO 12" PIPE WELD				
20-010	12" PIPE TO ELL WELD				
20-011	ELL TO 12" PIPE WELD				
20-012	12" PIPE TO 45 DEG ELL WELD				
20-013	45 DEG. ELL TO 12" PIPE WELD				
20-014	12" PIPE TO ELL WELD				
		↓	↓	↓	↓



PROGRAM PLAN  
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EBASCO Services Inc.  
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## SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-015	ELL TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-106
20-016	12" PIPE TO VALVE END WELD	↓	↓	↓	↓
20-017	CHECK VALVE 1SI-V1515RL2B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
20-018	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-108
20-019	12" PIPE TO ELL WELD	↓	↓	↓	↓
20-020	ELL TO 12" PIPE WELD	↓	↓	↓	↓
20-021	12" PIPE TO ELL WELD	↓	↓	↓	↓
20-022	ELL TO 12" PIPE WELD	↓	↓	↓	↓
20-023-600	1SI1-155TK2B from 1SI12-143RL2B to valve 1SI-F1554TK2B	↓	EXEMPT IWB-1220 (B)	N/A	N/A
20-024-600	1SI1-30RL2B FROM 1SI12-143RL2B TO VALVE 1SI-V2503	↓	↓	↓	↓
20-025	12" PIPE TO TEE WELD	↓	VOL. & SURF.	ISI-2.7 & 3.1	UT-108
20-026	TEE TO 12" PIPE WELD	↓	↓	↓	↓
20-027	12" PIPE TO VALVE END WELD	↓	↓	↓	↓

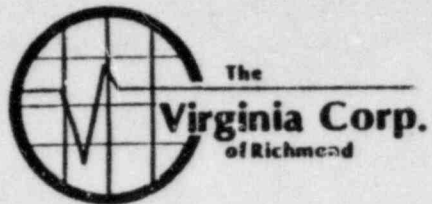


PROGRAM PLAN  
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EBASCO Services Inc.  
Louisiana Power & Light

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SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-028	GATE VALVE 1SI-VI508TK2B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
20-029	VALVE END TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-108
20-030	12" PIPE TO ELL WELD	↓	↓	↓	↓
20-031	ELL TO 12" PIPE WELD	↓	↓	↓	↓
20-032	12" PIPE TO VALVE END WELD	↓	↓	↓	↓
20-033	GATE VALVE 1SI-VI516TK2B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
20-034	TEE TO 12" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-108
20-035	12" PIPE TO 12"x 8" RED WELD	↓	↓	↓	↓
20-036	12"x 8" RED TO 8" PIPE WELD	↓	↓	↓	UT-105
20-037	8" PIPE TO ELL WELD	↓	↓	↓	↓
20-038	ELL TO 8" PIPE WELD	↓	↓	↓	↓
20-039	8" PIPE TO ELL WELD	↓	↓	↓	↓

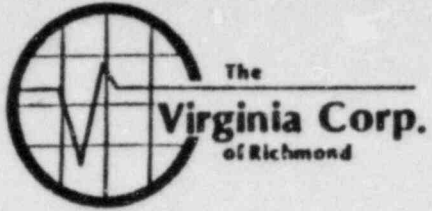


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 20Date: 3/15/83Revision: 5

SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-040	ELL TO 8" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-105
20-041	8" PIPE TO ELL WELD				
20-042	ELL TO 8" PIPE WELD				
20-043	8" PIPE TO 45 DEG ELL WELD				
20-044	45 DEG ELL TO 8" PIPE WELD				
20-045	8" PIPE TO 45 DEG ELL WELD				
20-046	45 DEG ELL TO 8" PIPE WELD				
20-047	8" PIPE TO PIPE WELD				
20-048	8" PIPE TO ELL WELD				
20-049	ELL TO 8"x 8"x 3" TEE WELD				
20-050	8"x 8"x 3" TEE TO 8" PIPE WELD				
20-051	8" PIPE TO PIPE WELD				
20-052	8" PIPE TO ELL WELD				
20-053	ELL TO 8" PIPE WELD				



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EBASCO Services Inc.  
Louisiana Power & Light

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SAFETY INJECTION AND SHUTDOWN COOLING TO LOOP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-054	8" PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-105
20-055	ELL TO 8" PIPE WELD	↓	↓	↓	↓
20-056	8" PIPE TO VALVE END WELD	↓	↓	↓	↓
20-057	CHECK VALVE 1SI-V1520RL2B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	
20-058	8"x 8"x 3" TEE TO 3" PIPE WELD	B-J	SURFACE	ISI-3.1	
20-059	3" PIPE TO ELL WELD				
20-060	ELL TO 3" PIPE WELD				
20-061	3" PIPE TO ELL WELD				
20-062	ELL TO 3" PIPE WELD				
20-063	3" PIPE TO ELL WELD				
20-064	ELL TO 3" PIPE WELD				
20-065	3" PIPE TO VALVE END WELD	↓	↓	↓	
20-066	3" CHECK VALVE 1SI-V1525RL2B	B-G-2	VT-1	BY OWNER	↓

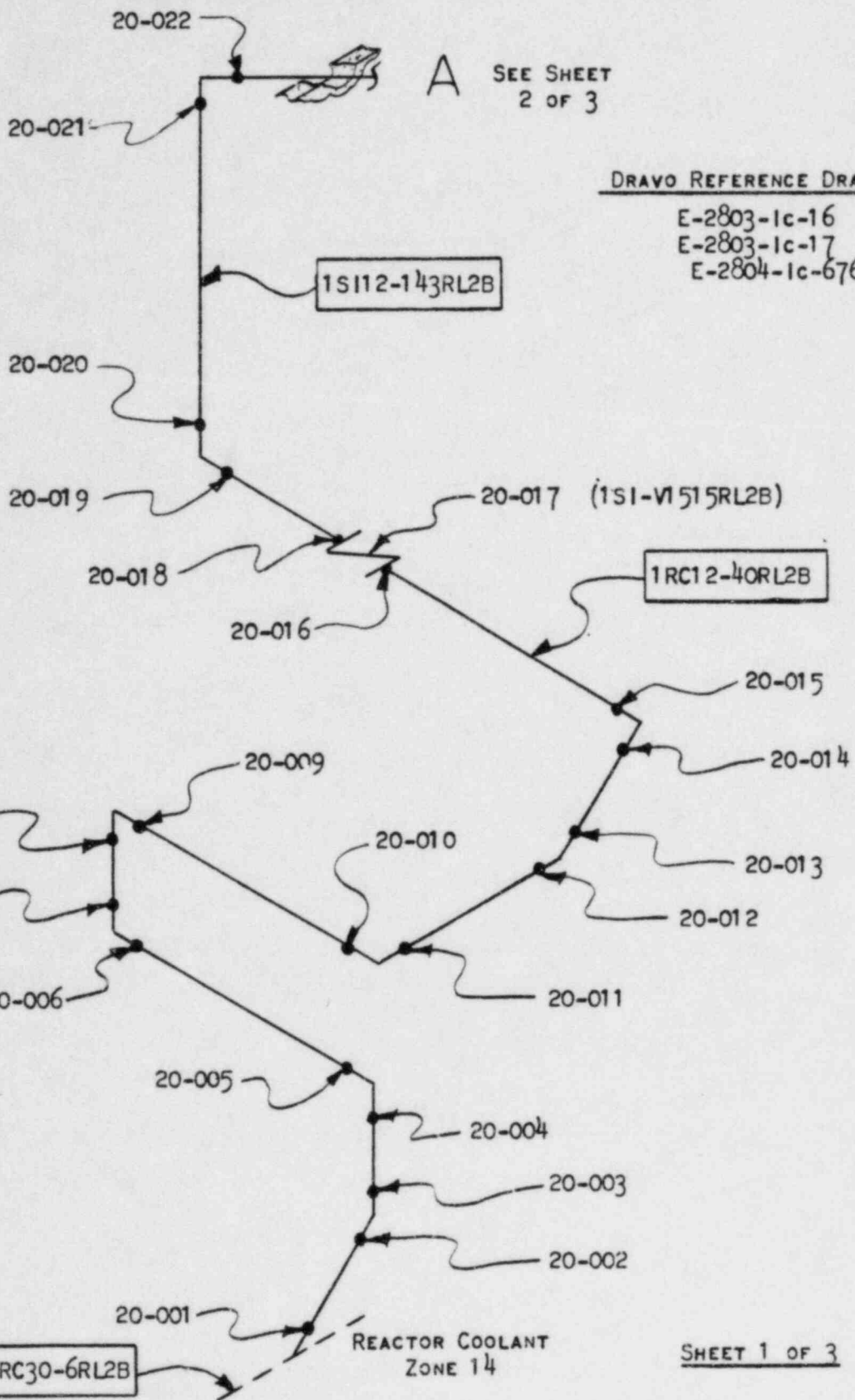


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Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
20-066 (CONT'D)	3" CHECK VALVE 1S1-V1525RL2B	B-M-2	EXEMPT BY SIZE	N/A	N/A
20-067	8" PIPE TO PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-105
20-068-600	1S11-300 FROM 1S13-141RL2B TO VALVE 1S1-V1592-6	↓	EXEMPT IWB-1220 (B)	N/A	N/A
20-069-600	1S11-300 FROM 1S18-142RL2B TO VALVE 1S1-V1592-5	↓	↓	↓	↓
20-070	VALVE END TO 12" PIPE WELD	* C-F	VOL. & SURF.	ISI-2.7 & 3.1	UT-108
20-071	12" PIPE TO PIPE WELD	↓	↓	↓	↓
20-072	12" PIPE TO 12"x 16" RED WELD	↓	↓	↓	↓
20-073	NOZZLE TO 12"x 16" RED SAFE END WELD	↓	↓	ISI-2.8 & ISI-3.1	UT-16 UT-108
20-074-600	1S11-317TK2B FROM 1S112-144TK2B TO VALVE 1S1-V1598TK2B	B-J	EXEMPT IWB-1220 (B)	N/A	N/A

\*The requirements of paragraph (b)(2)(iv)(A) of 10CFR 50.55A apply to category C-F welds.



DRAVO REFERENCE DRAWINGS  
 E-2803-1c-16  
 E-2803-1c-17  
 E-2804-1c-676

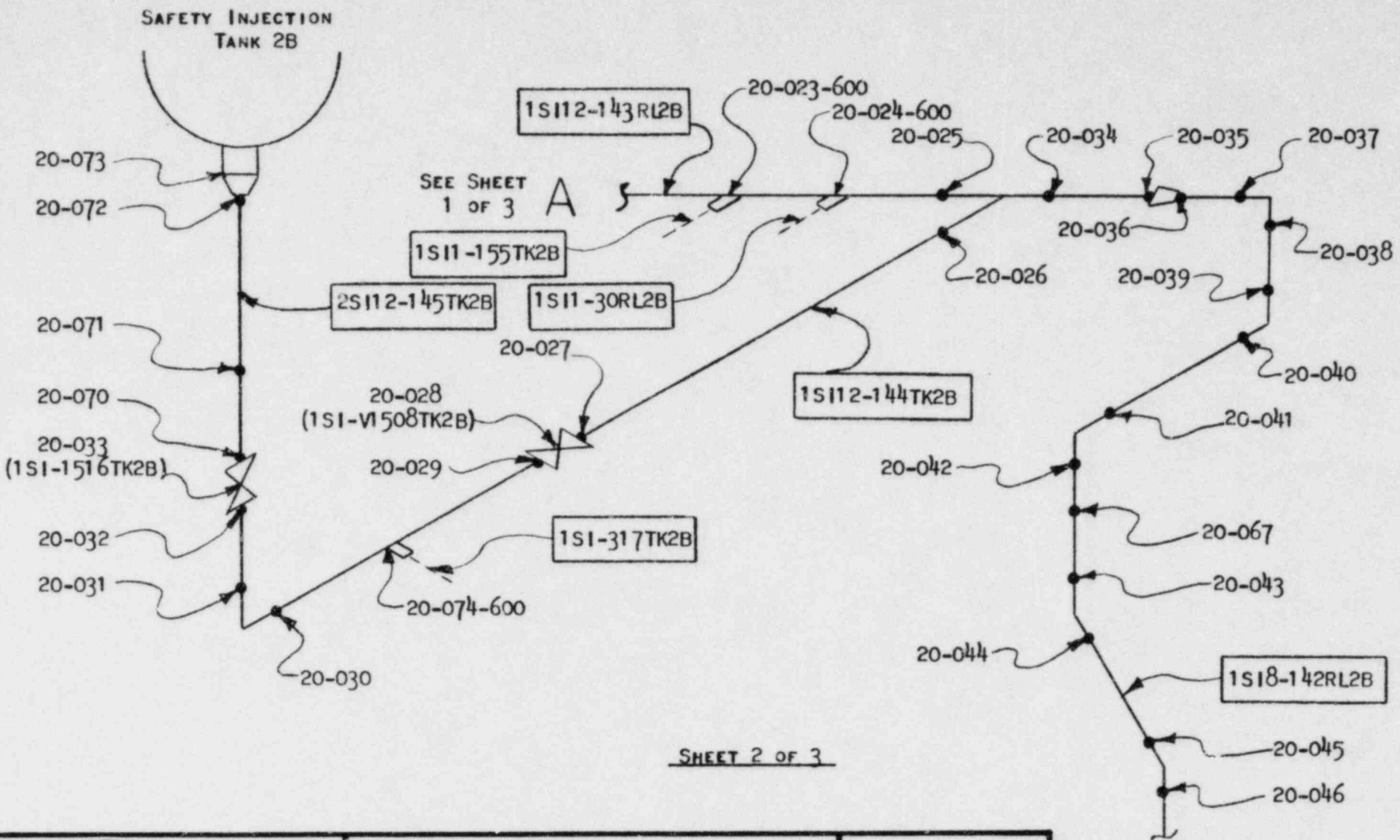
SHEET 1 OF 3



**TITLE**  
 SAFETY INJECTION AND SHUTDOWN  
 COOLING TO LOOP 2B

**DATE:** 3/15/83  
**ZONE:** 20  
**REVISION:** 5

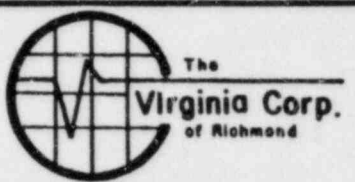




SEE SHEET 1 OF 3 A

SHEET 2 OF 3

B SEE SHEET 3 OF 3

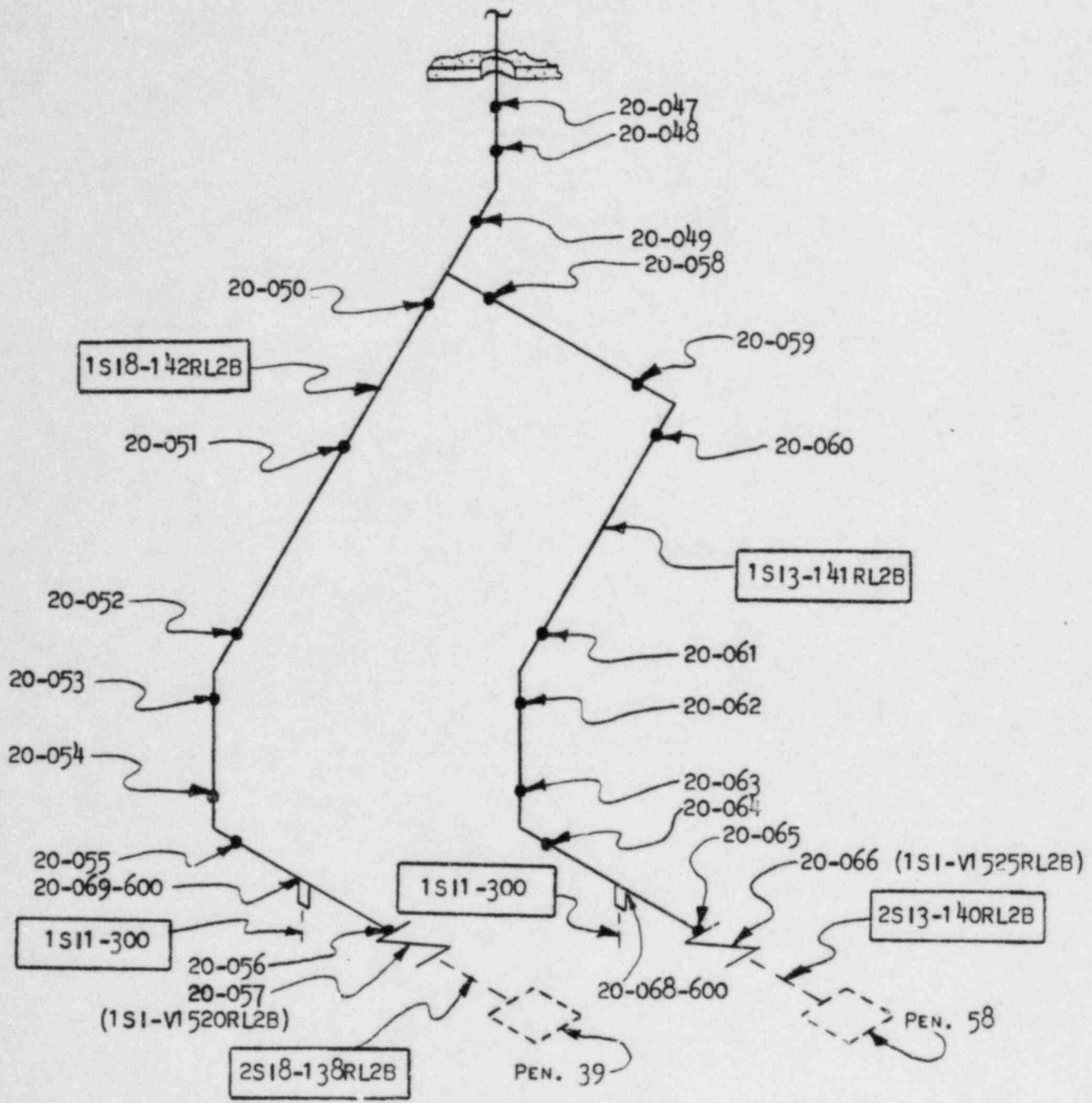


TITLE:  
SAFETY INJECTION AND SHUTDOWN  
COOLING TO LOOP 2B

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SEE SHEET  
2 OF 3

B



SHEET 3 OF 3



The  
**Virginia Corp.**  
 of Richmond

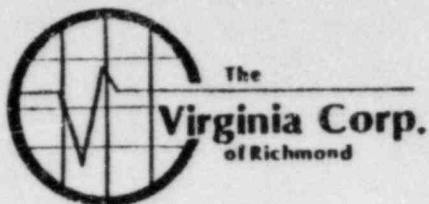
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SAFETY INJECTION AND SHUTDOWN  
 COOLING TO LOOP 2B

DATE: 3/15/83

ZONE: 20

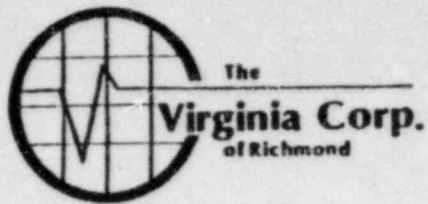
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PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 21Date: 3/15/83Revision: 5SHUTDOWN COOLING LINE FROM LOOP 1 HOT LEG

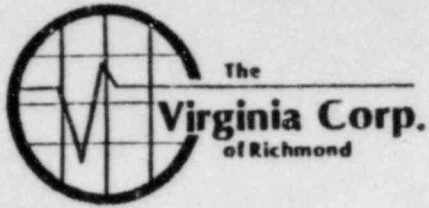
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
21-001	SAFE-END TO 14" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
21-002	14" PIPE TO ELL WELD				
21-004	ELL TO 14" PIPE WELD				
21-005	14" PIPE TO 45 DEG ELL WELD				
21-007	45 DEG ELL TO 14" PIPE WELD				
21-008-600	1RC1-65RL1 FROM 1RC14-44RL1 TO VALVE 1RC-V2507-14		EXEMPT IWB-1220 (B)	N/A	N/A
21-009	14" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.7, 3.1	UT-119
21-011	ELL TO 14" PIPE WELD				
21-012	14" PIPE TO ELL WELD				
21-014	ELL TO 14" PIPE WELD				
21-015	14" PIPE TO ELL WELD				
21-017	ELL TO 14" PIPE WELD				
21-018	14" PIPE TO ELL WELD				
21-020	ELL TO 14" PIPE WELD				



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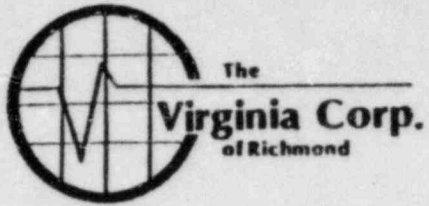
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
21-021	14" PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
21-023	ELL TO 14" PIPE WELD				
21-024	14" PIPE TO ELL WELD				
21-026	ELL TO 14" PIPE WELD				
21-027	14" PIPE TO ELL WELD				
21-029	ELL TO 14" PIPE WELD				
21-030	14"x3" SWEEP. TO 14" PIPE WELD				
21-031	14"x 3" SWEEP. TO 3" PIPE WELD		SURFACE	ISI-3.1	N/A
21-032	3" SCH 160 PIPE TO ELL WELD				
21-033	ELL TO 3" SCH 160 PIPE WELD				
21-034	3" SCH 160 PIPE TO ELL WELD				
21-035	ELL TO 3" SCH 160 PIPE WELD				
21-036-600	1S11-39 FROM 1S13-215 TO VALVE 1S1-V1538-2		EXEMPT IWB-1220 (B)	N/A	
21-037	3" SCH 160 PIPE TO ELL WELD		SURFACE	ISI-3.1	



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
21-038	ELL TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
21-039	3" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
21-040	CHECK VALVE 1SI-V2507	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
21-041	VALVE END TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
21-042	3" SCH 160 PIPE TO TEE WELD				
21-043	TEE TO 3" SCH 160 PIPE WELD				
21-044	3" SCH 160 PIPE TO ELL WELD				
21-045	ELL TO 3" SCH 160 PIPE WELD				
21-046	3" SCH 160 PIPE TO ELL WELD				
21-047	ELL TO 3" SCH 160 PIPE WELD				
21-048	3" SCH 160 PIPE TO ELL WELD				
21-049	ELL TO 3" SCH 160 PIPE WELD				
21-050	3" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓



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SHUTDOWN COOLING LINE FROM LOOP 1 HOT LEG

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
21-051	ELL TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
21-052	3" SCH 160 PIPE TO PIPE WELD				
21-053	3" SCH 160 PIPE TO ELL WELD				
21-054	ELL TO 3" SCH 160 PIPE WELD				
21-055	3" SCH 160 PIPE TO ELL WELD				
21-056	ELL TO 3" SCH 160 PIPE WELD				
21-057	3" SCH 160 PIPE TO VALVE END WELD				
21-058	CHECK VALVE 1SI-V2506	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
21-059	TEE TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
21-060-600	1SI1-209 FROM 1SI3-215 TO VALVE 1SI-V1579		EXEMPT IWB-1220 (B)	N/A	
21-061	3" SCH 160 PIPE TO ELL WELD		SURFACE	ISI-3.1	
21-062	ELL TO 3" SCH 160 PIPE WELD				
21-063	3" SCH 160 PIPE TO 3" X 2" RED WELD				



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SHUTDOWN COOLING LINE FROM LOOP 1 HOT LEG

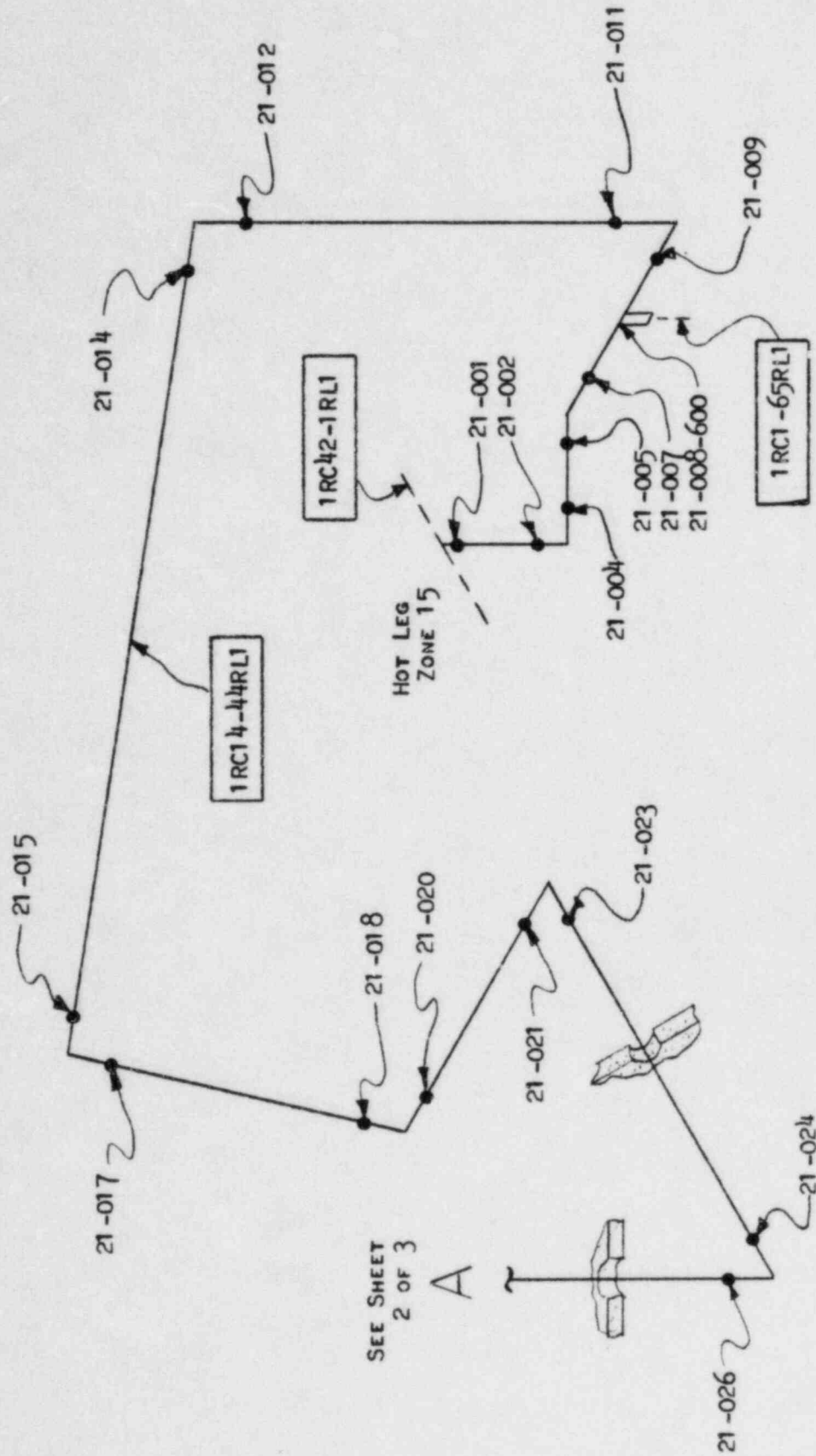
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
21-064	3"X 2" RED TO 2" PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
21-065	VALVE 1SI-V2504	B-G-2	VT-1	BY OWNER	↓
		B-M-2	EXEMPT BY SIZE	N/A	↓
21-066	14" PIPE TO VALVE END WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
21-067	VALVE 1SI-V1502B	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
21-068	VALVE END TO 14" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
21-069-600	1SI11-34B FROM 1SI14-146B TO VALVE 1SI-V2503-1		EXEMPT IWB-1220 (B)	N/A	N/A
21-070	3" SWEEP. TO 14" PIPE WELD		VOL. & SURF.	ISI-2.7 & 3.1	UT-119
21-071	3" SWEEP TO 3" PIPE WELD		SURFACE	ISI-3.1	N/A
21-072	3" PIPE TO 3"X 1" RED WELD		↓	↓	↓
21-073-600	1SI11-91B FROM 1SI13-279 TO VALVE 1SI-R2502B		EXEMPT IWB-1220 (B)	N/A	↓
21-076	14" PIPE TO VALVE END WELD	↓	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
21-077 (cont'd.)	VALVE 1SI-V1501B	B-G-2	VT-1	BY OWNER	N/A






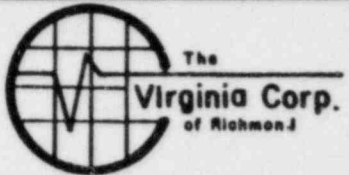
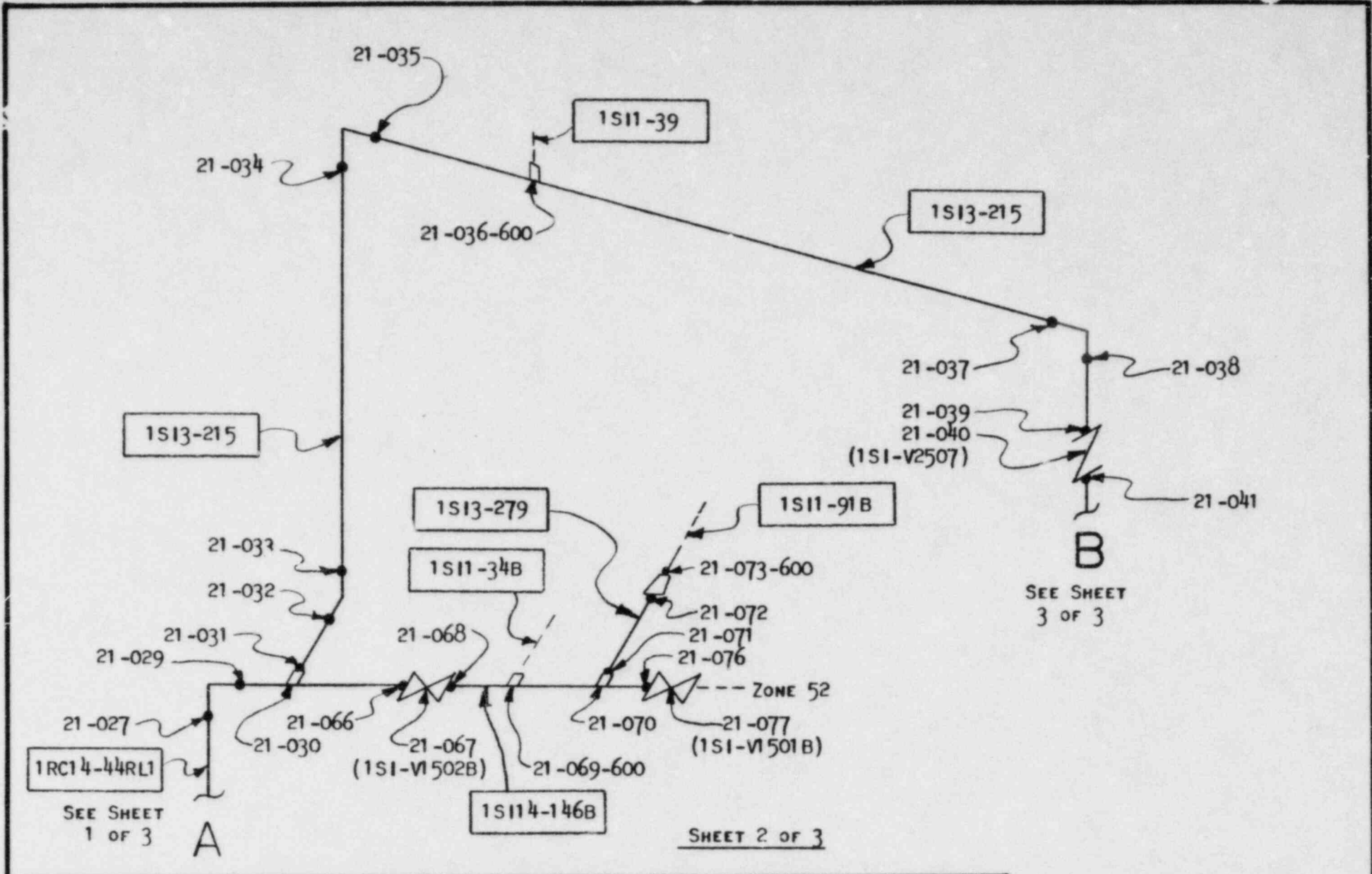
DRAWING REFERENCE DRAWINGS

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- E-2803-1c-1130
- E-2804-1c-1135



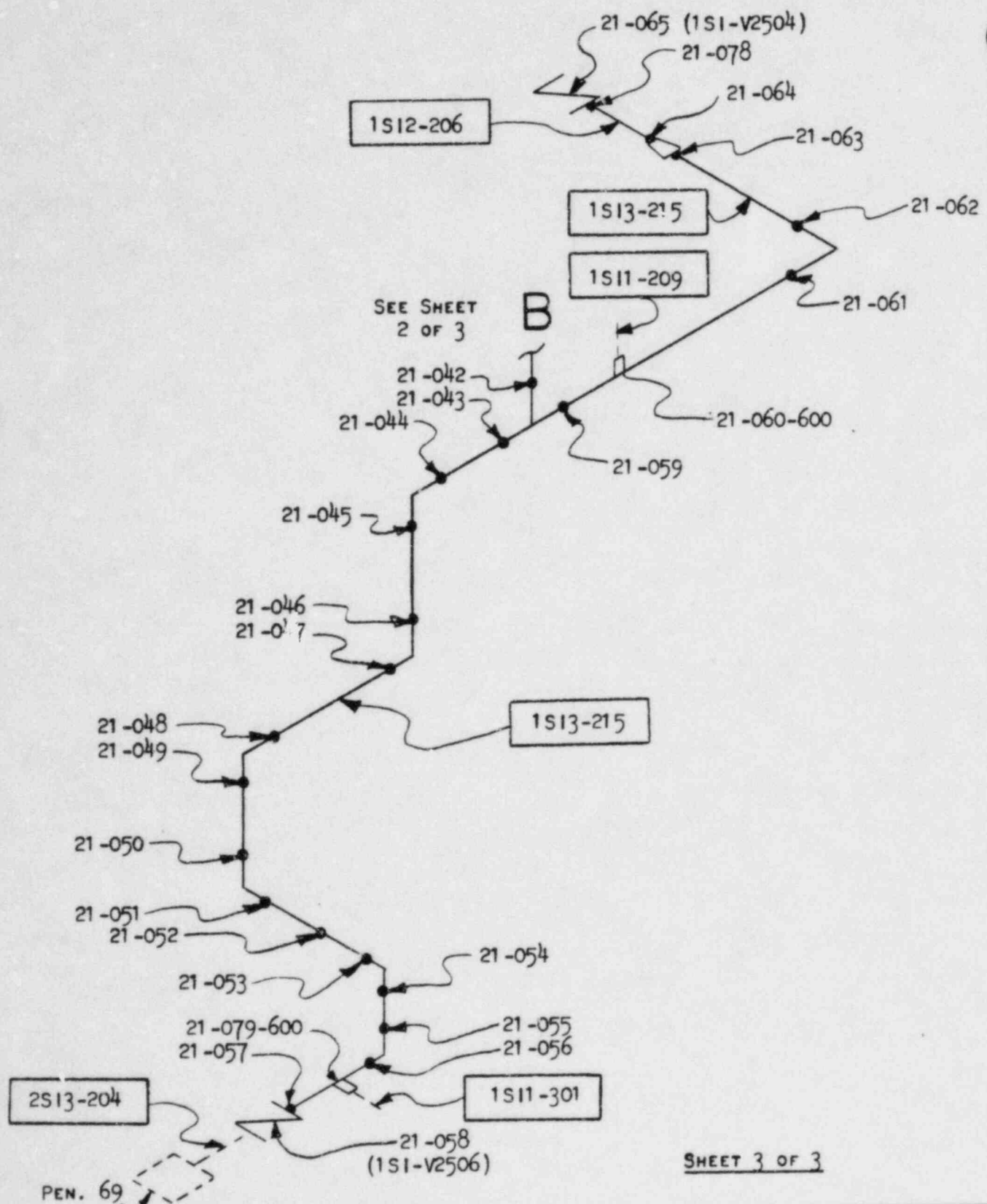
SHEET 1 OF 3

	<p><b>TITLE:</b> SHUTDOWN COOLING LINE FROM LOOP 1 - HOT LEG</p>	<p><b>DATE:</b> 3/15/83  <b>ZONE:</b> 21  <b>REVISION:</b> 5</p>
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TITLE:  
 SHUTDOWN COOLING LINE FROM  
 LOOP 1 - HOT LEG

DATE: 3/15/83  
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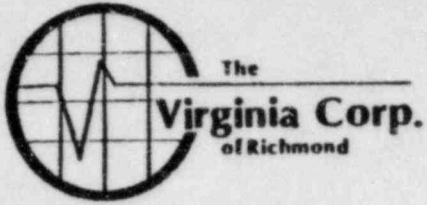


SHEET 3 OF 3



**TITLE** SHUTDOWN COOLING LINE FROM  
 LOOP 1 - HOT LEG

**DATE:** 3/15/8  
**ZONE:** 21  
**REVISION:** 5

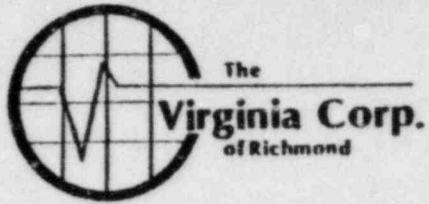


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
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SHUTDOWN COOLING LINE FROM LOOP 2A HOT LEG

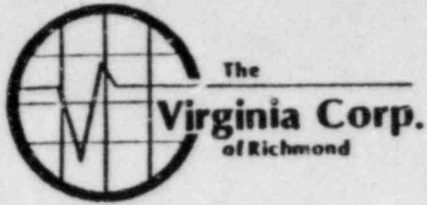
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
22-001	SAFE-7END TO 14" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
22-002	14" PIPE TO ELL WELD		↓	↓	↓
22-004	ELL TO 14" PIPE WELD		↓	↓	↓
22-005-600	1RC1-66RL2 FROM 1RC14.45RL2 TO VALVE 1RC-V2507-16		EXEMPT IWB-1220 (B)	N/A	N/A
22-006	14" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.7 & 3.1	UT-119
22-008	ELL TO 14" PIPE WELD				
22-009	14" PIPE TO ELL WELD				
22-011	ELL TO 14" PIPE WELD				
22-012	14" PIPE TO ELL WELD				
22-014	ELL TO 14" PIPE WELD				
22-015	14" PIPE TO ELL WELD				
22-017	ELL TO 14" PIPE WELD				
22-018	14" PIPE TO ELL WELD				
22-020	ELL TO 14" PIPE WELD				



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
22-021	14" PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
22-023	ELL TO 14" PIPE WELD	↓	↓	↓	↓
22-024	14" PIPE TO ELL WELD	↓	↓	↓	↓
22-026	ELL TO 14" PIPE WELD	↓	↓	↓	↓
22-027	14" x 3" SWEEP TO 14" PIPE WELD	↓	↓	↓	↓
22-028	14" x 3" SWEEP TO 3" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
22-029	3" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓
22-030	ELL TO 3" SCH 160 PIPE WELD	↓	↓	↓	↓
22-031	3" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
22-032	CHECK VALVE 1S1-V2509	B-G-2	VT-1	By OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
22-033	VALVE END TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
22-034-600	1S11-209 FROM 1S13-214 TO VALVE 1S1-V1579	↓	EXEMPT IWB-1220 (B)	N/A	
22-035	3" SCH 160 PIPE TO TEE WELD	↓	SURFACE	ISI-3.1	↓

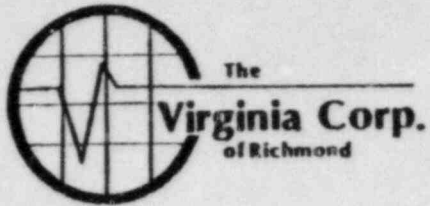


PROGRAM PLAN  
Waterford III  
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Zone: 22  
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SHUTDOWN COOLING LINE FROM LOOP 2A HOT LEG

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
22-036	TEE TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
22-037	3" SCH 160 PIPE TO 3"X 2" RED WELD	↓	↓	↓	
22-038	3"X 2" RED TO 2" PIPE WELD	↓	↓	↓	
22-039	GATE VALVE 1SI-V2505	B-G-2	VT-1	By OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
22-040	TEE TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
22-041	3" SCH 160 PIPE TO ELL WELD				
22-042	ELL TO 3" SCH 160 PIPE WELD				
22-043	3" SCH 160 PIPE TO ELL WELD				
22-044	ELL TO 3" SCH 160 PIPE WELD				
22-045	3" SCH 160 PIPE TO ELL WELD				
22-046	ELL TO 3" SCH 160 PIPE WELD				
22-047	3" SCH 160 PIPE TO ELL WELD				
22-048	ELL TO 3" SCH 160 PIPE WELD	↓	↓	↓	↓



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Waterford III  
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SHUTDOWN COOLING LINE FROM LOOP 2A HOT LEG

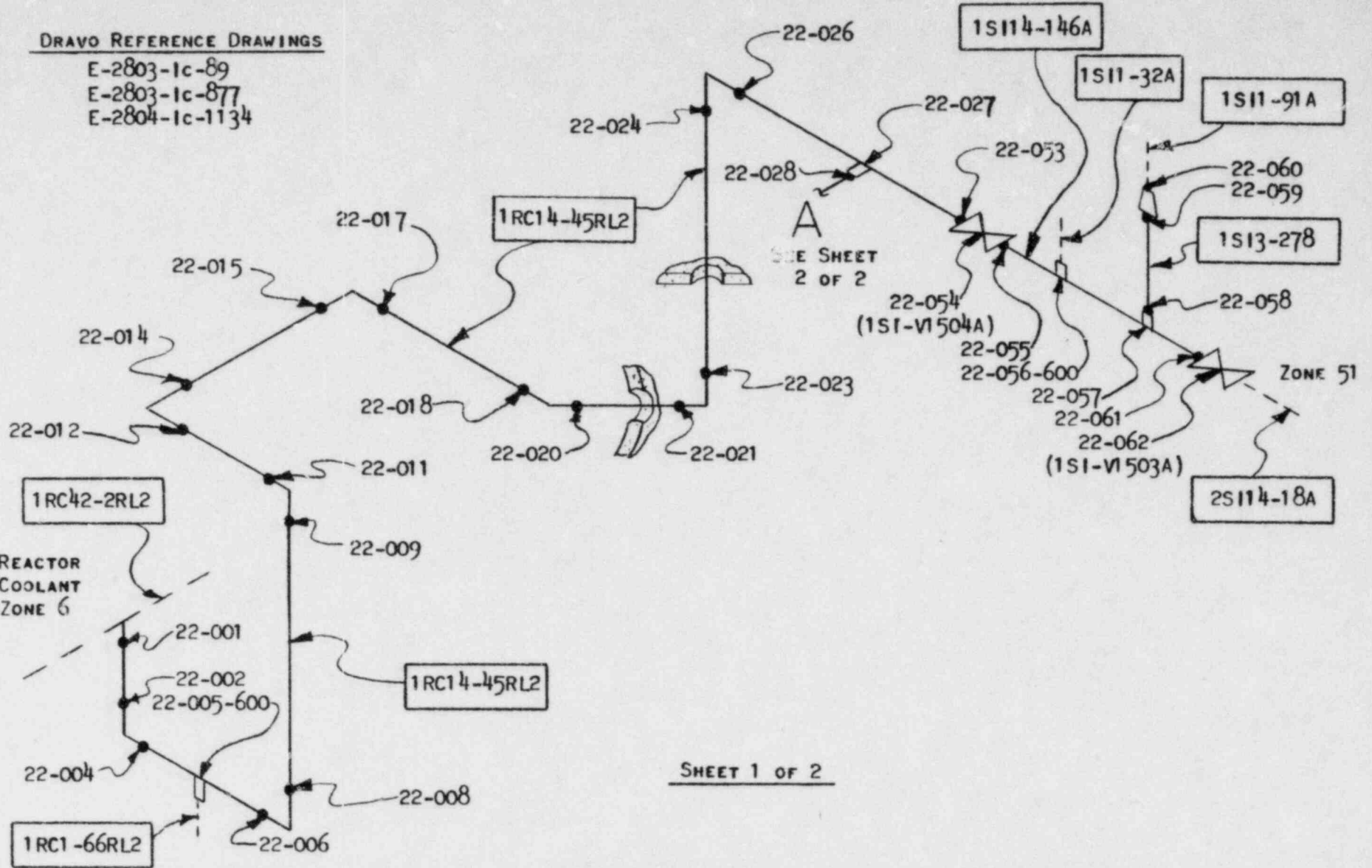
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22-049	3" SCH 160 PIPE TO ELL WELD	B-J	SURFACE	ISI-3.1	N/A
22-050	ELL TO 3" SCH 160 PIPE WELD	↓	↓	↓	↓
22-051	3" PIPE TO VALVE END WELD	↓	↓	↓	↓
22-052	CHECK VALVE 1SI-V2508	B-G-2	VT-1	BY OWNER	↓
		B-M-2	EXEMPT BY SIZE	N/A	↓
22-053	14" PIPE TO VALVE END WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
22-054	GATE VALVE 1SI-V1504A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	VT-3	↓	↓
22-055	VALVE END TO 14" PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
22-056-600	1SI11-32A FROM 1SI114-146A TO VALVE 1SI-V2503-4	↓	EXEMPT IWB-1220 (B)	N/A	N/A
22-057	14" X 3" SWEEP TO 14" PIPE WELD	↓	VOL. & SURF.	ISI-2.7 & 3.1	UT-119
22-058	3" SWEEP TO 3" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
22-059	3" SCH 160 PIPE TO 3" X 1" RED WELD	↓	↓	↓	↓
22-060-600	1SI11-91A FROM 1SI13-214 TO VALVE 1SI-R2501A	↓	EXEMPT IWB-1220 (B)	N/A	N/A





DRAVO REFERENCE DRAWINGS

E-2803-1c-89  
E-2803-1c-877  
E-2804-1c-1134

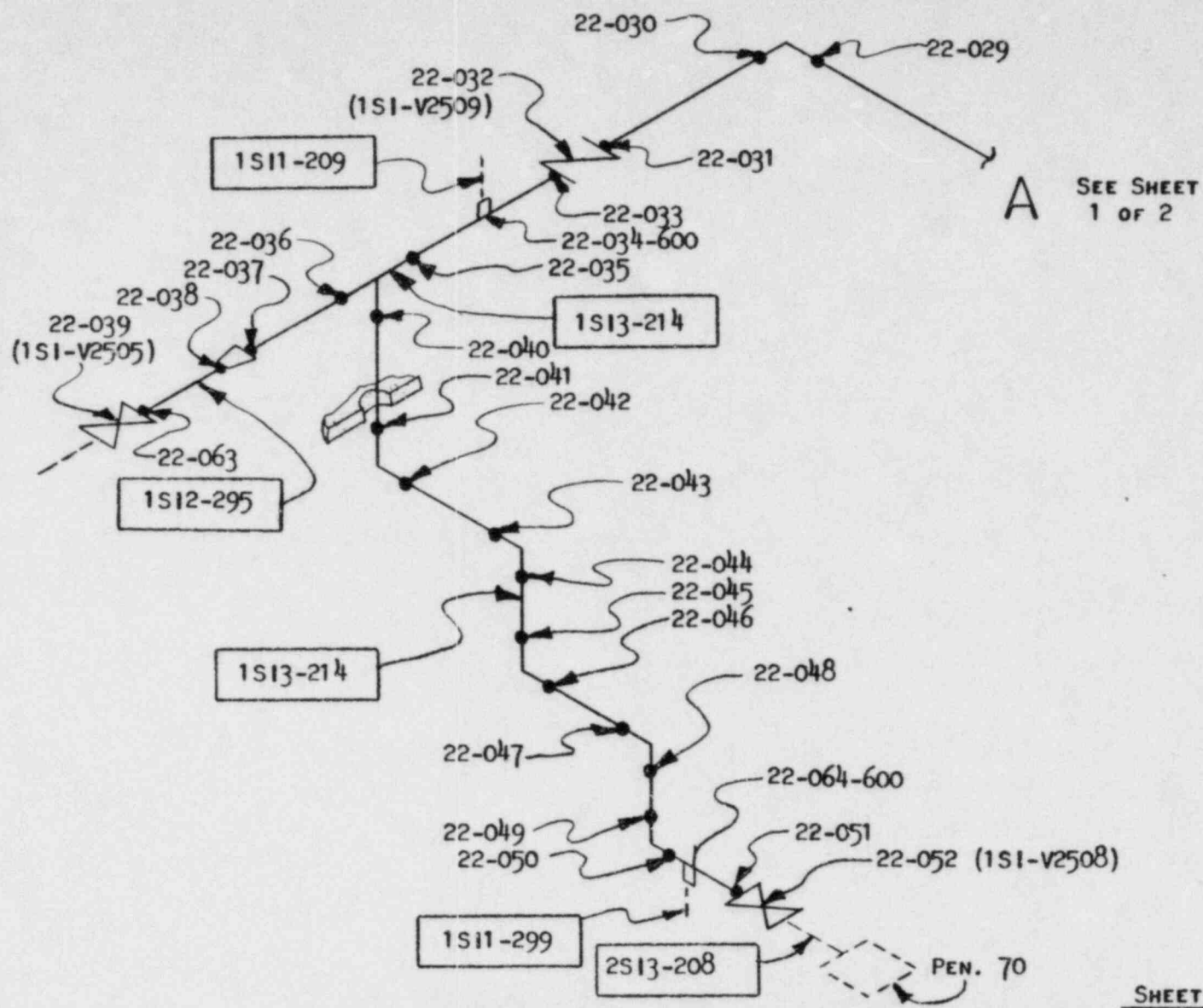


SHEET 1 OF 2

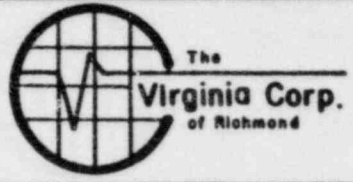


TITLE:  
SHUTDOWN COOLING LINE FROM  
LOOP 2A - HOT LEG

DATE: 3/15/83  
ZONE: 22  
REVISION: 5

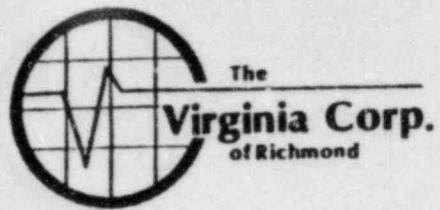


SHEET 2 OF 2



TITLE: SHUTDOWN COOLING LINE FROM LOOP 2A - HOT LEG

DATE: 3/15/83  
 ZONE: 22  
 REVISION: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

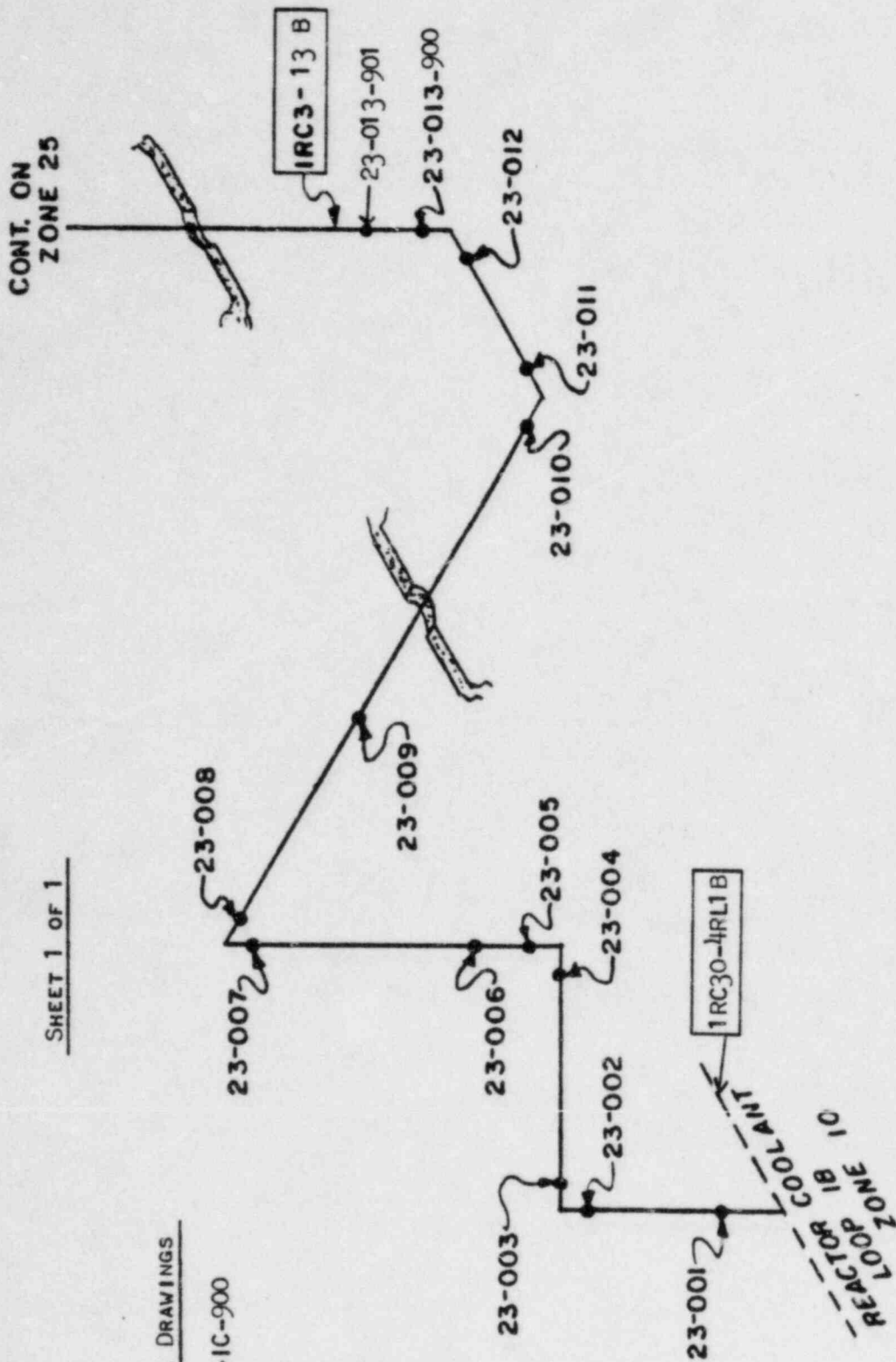
Zone: 23Date: 3/15/83Revision: 5PRESSURIZER SPRAY FROM LOOP 1B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
23-001	SAFE-END TO 3" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
23-002	3" SCH 160 PIPE TO ELL WELD				
23-003	ELL TO 3" SCH 160 PIPE WELD				
23-004	3" SCH 160 PIPE TO ELL WELD				
23-005	ELL TO 3" SCH 160 PIPE WELD				
23-006	3" SCH 160 PIPE TO PIPE WELD				
23-007	3" SCH 160 PIPE TO ELL WELD				
23-008	ELL TO 3" SCH 160 PIPE WELD				
23-009	3" SCH 160 PIPE TO PIPE WELD				
23-010	3" SCH 160 PIPE TO ELL WELD				
23-011	ELL TO 3" SCH 160 PIPE WELD				
23-012	3" SCH 160 PIPE TO ELL WELD				
23-013-900	ELL TO 3" SCH 160 PIPE WELD				
23-013-901	3" SCH 160 PIPE TO PIPE WELD				

SHEET 1 OF 1

DRAVO REF. DRAWINGS

E-2804-1C-900



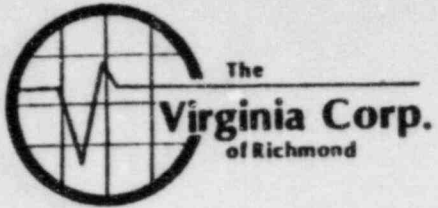
Date: 3/15/83

Zone: 23

Revision: 5

Title: Pressurizer Spray From Loop 1B





PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

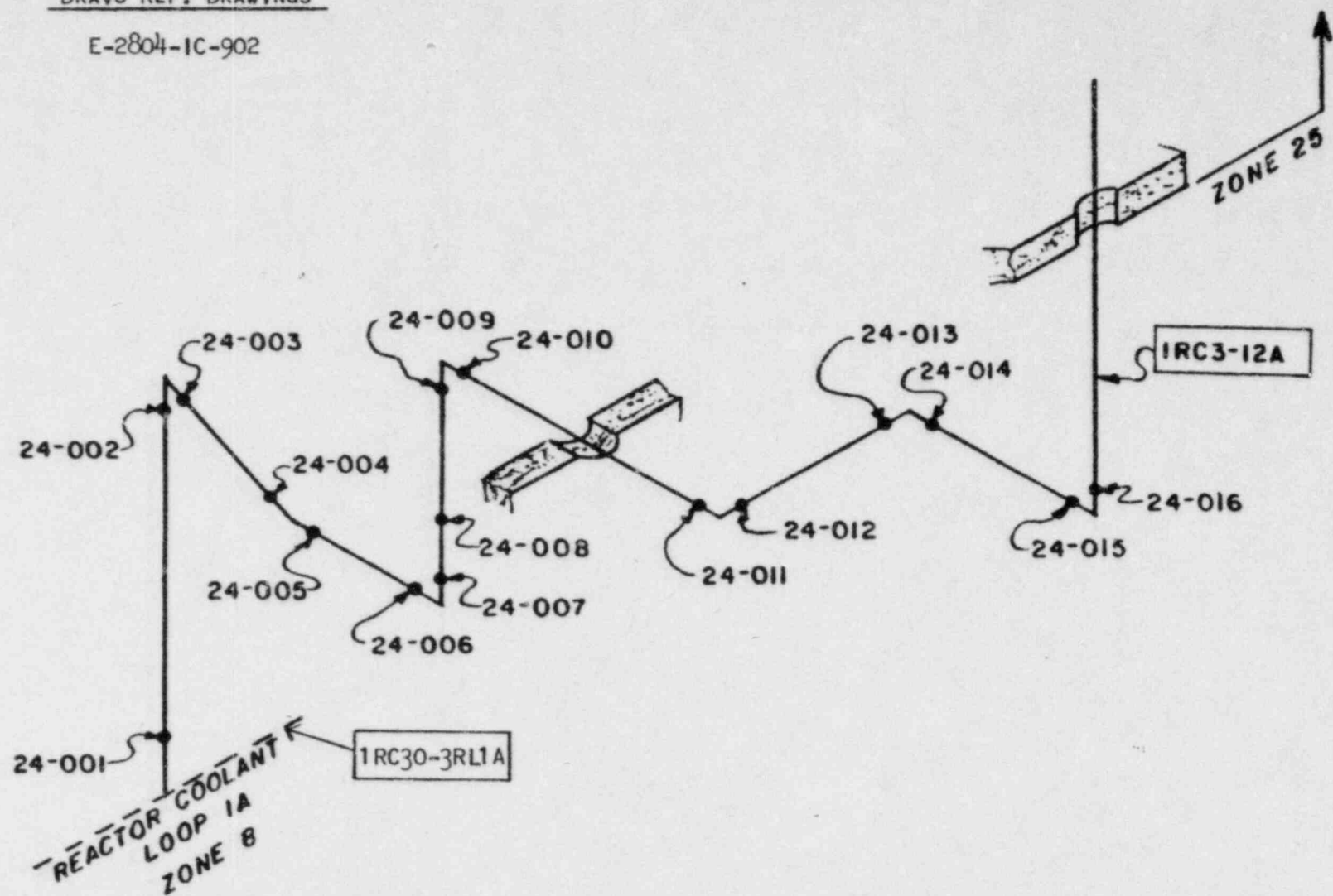
Zone: 24Date: 3/15/83Revision: 5PRESSURIZER SPRAY FROM LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
24-001	SAFE-END TO 3" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
24-002	3" SCH 160 PIPE TO ELL WELD				
24-003	ELL TO 3" SCH 160 PIPE WELD				
24-004	3" SCH 160 PIPE TO 45 DEG ELL WELD				
24-005	45 DEG ELL TO 3" SCH 160 PIPE WELD				
24-006	3" SCH 160 PIPE TO ELL WELD				
24-007	ELL TO 3" SCH 160 PIPE WELD				
24-008	3" SCH 160 PIPE TO PIPE WELD				
24-009	3" SCH 160 PIPE TO ELL WELD				
24-010	ELL TO 3" SCH 160 PIPE WELD				
24-011	3" SCH 160 PIPE TO ELL WELD				
24-012	ELL TO 3" SCH 160 PIPE WELD				
24-013	3" SCH 160 PIPE TO ELL WELD				
24-014	ELL TO 3" SCH 160 PIPE WELD				



DRAVO REF. DRAWINGS  
E-2804-IC-902

SHEET 1 OF 1



Date: 3/15/83	Title:
Zone: 24	Pressurizer Spray From Loop 1A
Revision: 5	



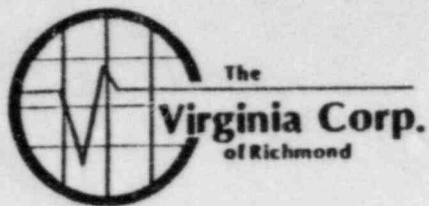
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 25Date: 3/15/83Revision: 5

COMBINED PRESSURIZER SPRAY AT PRESSURIZER

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
25-001	3" SCH 160 PIPE TO ANGLE VALVE WELD	B-J	SURFACE	ISI-3.1	N/A
25-002	3" ANGLE VALVE 1RC-F1501A	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
25-003	VALVE END TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
25-004-600	1RC3/4-35A FROM 1RC3-14A TO VALVE 1RC-N1505A		EXEMPT IWB-1220 (B)	N/A	
25-005	3" SCH 160 PIPE TO ELL WELD		SURFACE	ISI-3.1	
25-006	ELL TO 3" SCH 160 PIPE WELD		↓	↓	↓
25-007	3" SCH 160 PIPE TO 4"X 3" RED WELD		↓	↓	↓
25-008	4"X 3" RED TO 4" SCH 120 PIPE WELD		VOL. & SURF.	ISI-2.7 & 3.1	UT-103
25-009	4" SCH 120 PIPE TO 4"X 4"X 3" TEE WELD		↓	↓	↓
25-010	3" SCH 160 PIPE TO VALVE END WELD		SURFACE	ISI-3.1	N/A
25-011	Angle Valve 1RC-F1502B	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
25-012	VALVE END TO 3" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	↓



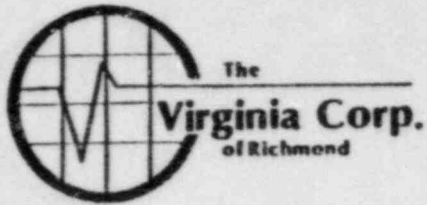


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 25Date: 3/15/83Revision: 5

COMBINED PRESSURIZER SPRAY AT PRESSURIZER

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
25-013-600	1RC3/4-36B FROM 1RC3-15B TO VALVE 1RC-M1506B	B-J	EXEMPT IWB-1220 (B)	N/A	N/A
25-014	3" SCH 160 PIPE TO 4"x 4"x 3" TEE WELD	↓	SURFACE	ISI-3.1	↓
25-015	4"x 4"x 3" TEE TO 4" SCH 120 PIPE WELD	↓	VOL. & SURF.	ISI-2.7 & 3.1	UT-103
25-016	4" SCH 120 PIPE TO VALVE END WELD	↓	↓	↓	↓
25-017	CHECK VALVE 1RC-V2516	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	EXEMPT BY SIZE	N/A	↓
25-018	VALVE END TO 4" SCH 120 PIPE WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-103
25-019	4" SCH 120 PIPE TO ELL WELD	↓	↓	↓	↓
25-020	ELL TO 4" SCH 120 PIPE WELD	↓	↓	↓	↓
25-021	4" SCH 120 PIPE TO TEE WELD	↓	↓	↓	↓
25-022	TEE TO 4" SCH 120 PIPE WELD	↓	↓	↓	↓
25-023	4" SCH 120 PIPE TO ELL WELD	↓	↓	↓	↓
25-024	ELL TO 4" SCH 120 PIPE WELD	↓	↓	↓	↓
25-025-600	1RC1-69A/B FROM 1RC4-16A/B TO VALVE 1RC-V2507-12	↓	EXEMPT IWB-1220 (B)	N/A	N/A

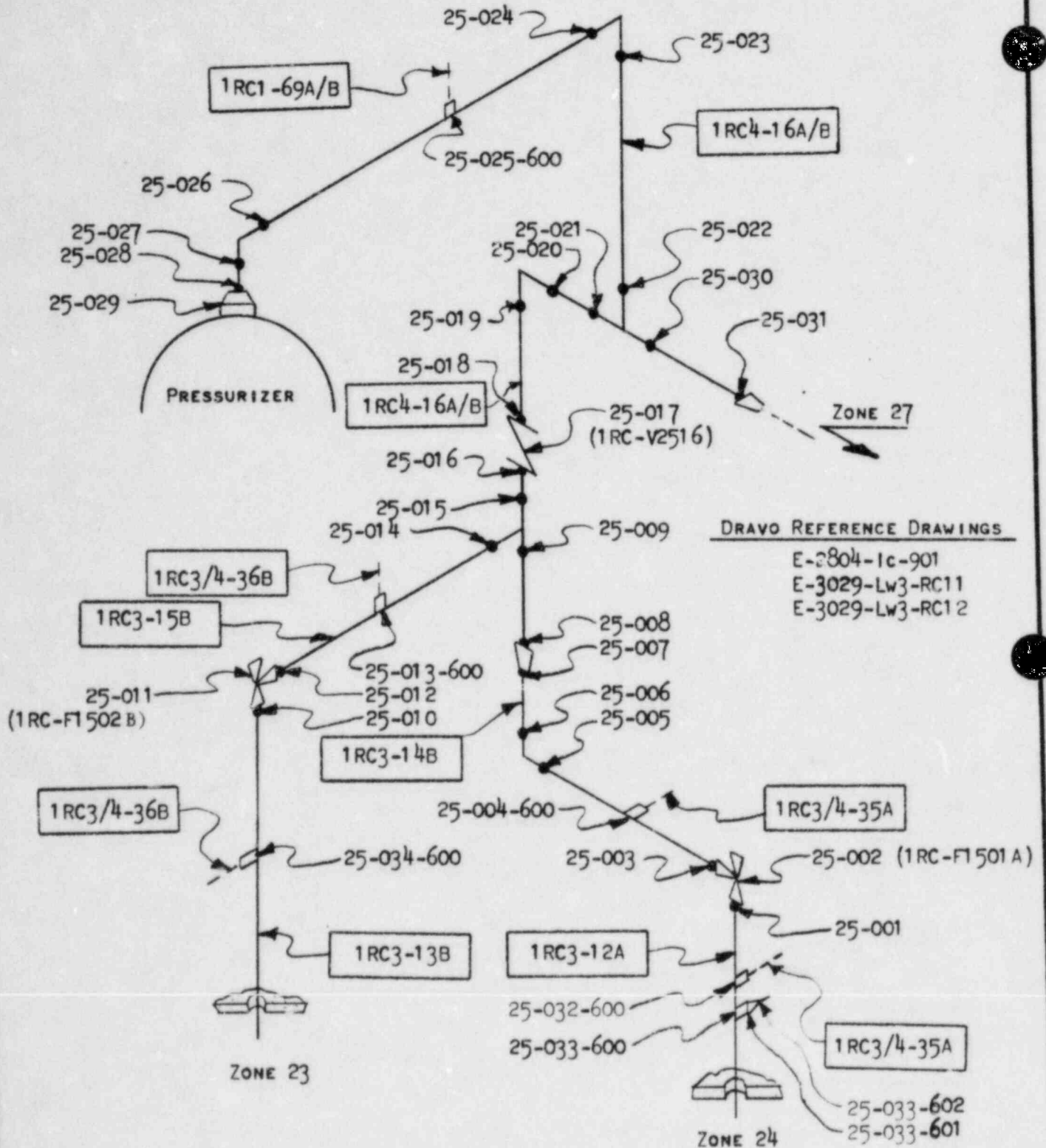


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 25  
Date: 3/15/83  
Revision: 5

COMBINED PRESSURIZER SPRAY AT PRESSURIZER

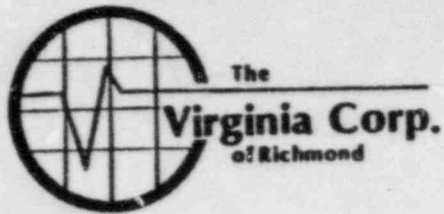
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
25-026	4" SCH 120 PIPE TO ELL WELD	B-J	VOL. & SURF.	ISI-2.7 & 3.1	UT-103
25-027	ELL TO 4" SCH 120 PIPE WELD	↓	↓	↓	↓
25-028	4" SCH 120 PIPE TO SAFE-END WELD	↓	↓	↓	↓
25-029	SPRAY NOZZLE TO SAFE-END WELD	B-F	↓	ISI-2.8 & 3.1	UT-18
25-030	4" TEE TO 4" SCH 120 PIPE WELD	B-J	↓	ISI-2.7 & 3.1	UT-103
25-031	4" SCH 120 PIPE TO 4" X 2" RED WELD	↓	↓	↓	↓
25-032-600	1RC3/4-35A FROM 1RC3-12A TO VALVE 1RC-N1506B	↓	EXEMPT IWB-1220 (B)	N/A	N/A
25-033-600	COUP TO 3" PIPE WELD	↓	↓	↓	↓
25-033-601	COUP TO RED WELD	↓	↓	↓	↓
25-033-602	RED TO INST. LINE	↓	↓	↓	↓
25-034-600	1RC3/4-36B FROM 1RC3-13B TO VALVE 1RC-N1506B	↓	↓	↓	↓



DRAVO REFERENCE DRAWINGS  
 E-2804-1c-901  
 E-3029-Lw3-RC11  
 E-3029-Lw3-RC12

SHEET 1 OF 1

<p>The Virginia Corp. of Richmond</p>	<p>TITLE          COMBINED PRESSURIZER SPRAY          AT PRESSURIZER</p>	<p>DATE: 3-15-83          ZONE: 25          REVISION: 5</p>
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**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

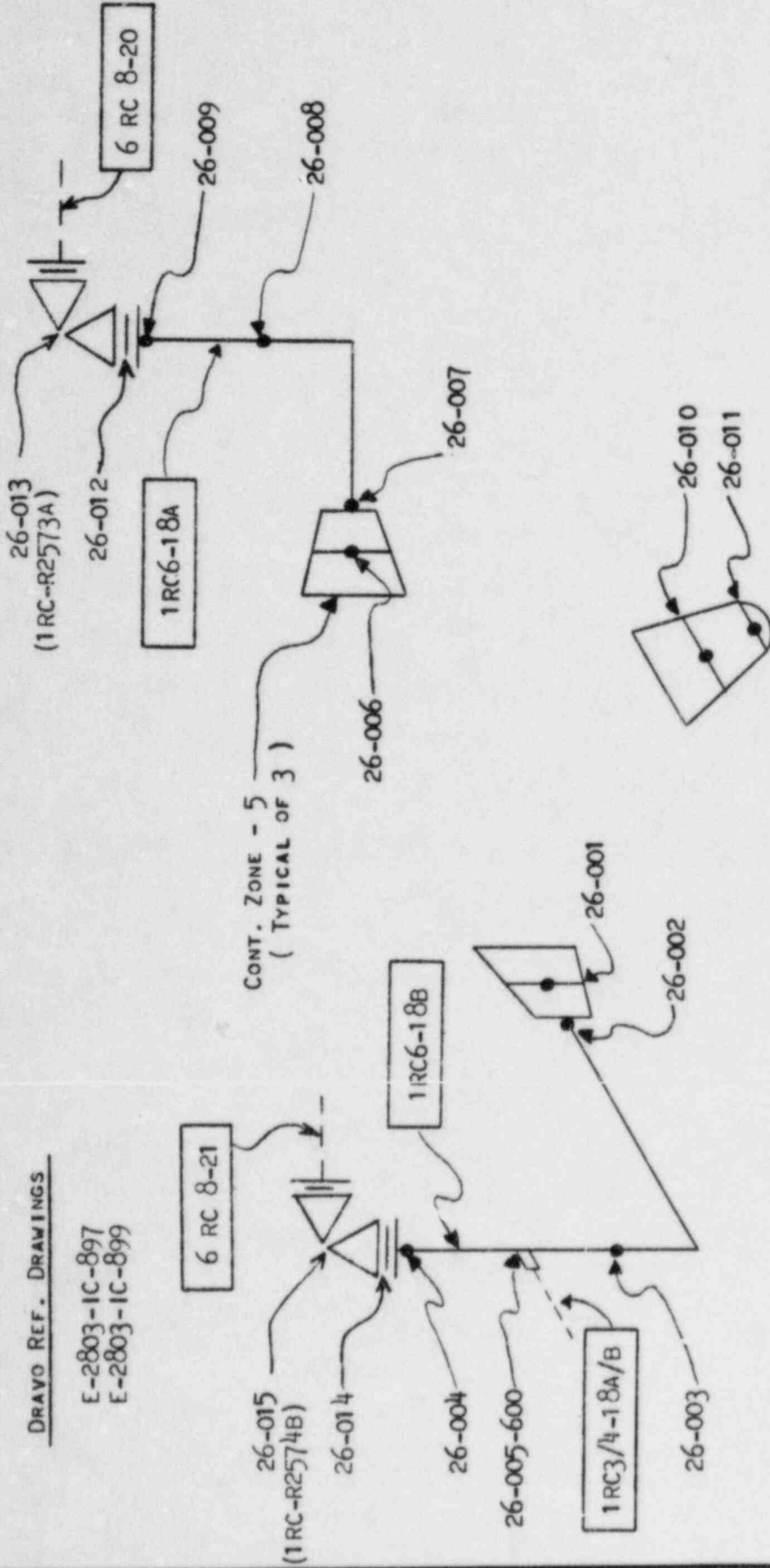
Zone: 26Date: 3/15/83Revision: 5PRESSURIZER SAFETY VALVE PIPING

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
26-001	PRESSURIZER NOZZLE TO 8" X 6" RED. SAFE-END WELD	B-F	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-17
26-002	8" X 6" RED. TO 6" SCH 160 ELL WELD	B-J		ISI-2.7 & ISI-3.1	UT-141
26-003	ELL TO 6" SCH 160 PIPE WELD				
26-004	6" SCH 160 PIPE TO FLANGE WELD				
26-005-600	1 RC 3/4-18A/B FROM 1 RC 6-18B TO CLASS 1 BOUNDARY		EXEMPT IWC-1220 (B)	N/A	N/A
26-006	PRESSURIZER NOZZLE TO 8" X 6" RED. SAFE-END WELD	B-F	VOL. & SURF.	ISI-2.8 & ISI-3.1	UT-17
26-007	8" X 6" RED. TO 6" SCH 160 ELL WELD	B-J		ISI-2.7 & ISI-3.1	UT-141
26-008	ELL TO 6" SCH 160 PIPE WELD				
26-009	6" SCH 160 PIPE TO FLANGE WELD				
26-010	PRESSURIZER NOZZLE TO 8" X 6" RED. SAFE-END WELD	B-F		ISI-2.8 & ISI-3.1	UT-17
26-011	8" X 6" RED. TO CAP WELD	B-J		ISI-2.7 & ISI-3.1	UT-141
26-012	6" FLANGE	B-G-2	VT-1	BY OWNER	N/A
26-013	6" RELIEF VALVE 1RC-R2573A				
26-014	6" FLANGE				




DRAVO REF. DRAWINGS

E-2803-1C-897  
E-2803-1C-899



SHEET 1 OF 1

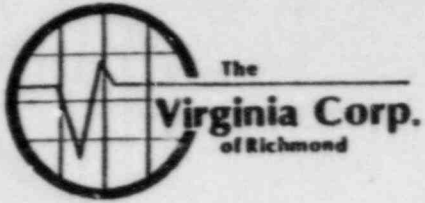
	<p>TITLE: PRESSURIZER SAFETY VALVE PIPING</p>	<p>DATE: 3/15/83 ZONE: 26 REVISION: 5</p>
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**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 27Date: 3/15/83Revision: 5PRESSURIZER AUX. SPRAY

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
27-001	4" X 2" RED TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
27-002	2" SCH 160 PIPE TO ELL WELD				
27-003	ELL TO 2" SCH 160 PIPE WELD				
27-004	2" SCH 160 PIPE TO ELL WELD				
27-005	ELL TO 2" SCH 160 PIPE WELD				
27-006	2" SCH 160 PIPE TO ELL WELD				
27-007	ELL TO 2" SCH 160 PIPE WELD				
27-008	2" SCH 160 PIPE TO ELL WELD				
27-009	ELL TO 2" SCH 160 PIPE WELD				
27-010	2" SCH 160 PIPE TO ELL WELD				
27-011	ELL TO 2" SCH 160 PIPE WELD				
27-012	2" SCH 160 PIPE TO ELL WELD				
27-013	ELL TO 2" SCH 160 PIPE WELD				
27-014	2" SCH 160 PIPE TO PIPE WELD				



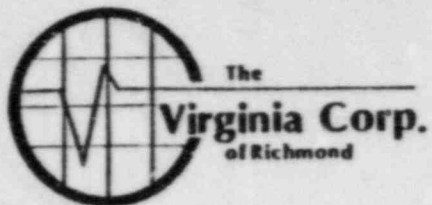
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 27  
Date: 3/15/83  
Revision: 5

PRESSURIZER AUX. SPRAY

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
27-015	2" SCH 160 PIPE TO ELL WELD	B-J	SURFACE	ISI-3.1	N/A
27-016	ELL TO 2" SCH 160 PIPE WELD				
27-017	2" SCH 160 PIPE TO ELL WELD				
27-018	ELL TO 2" SCH 160 PIPE WELD				
27-019	2" SCH 160 PIPE TO ELL WELD				
27-020	ELL TO 2" SCH 160 PIPE WELD				
27-021	2" SCH 160 PIPE TO ELL WELD				
27-022	ELL TO 2" SCH 160 PIPE WELD				
27-023	2" SCH 160 PIPE TO ELL WELD				
27-024	ELL TO 2" SCH 160 PIPE WELD				
27-025	2" SCH 160 PIPE TO ELL WELD				
27-026	ELL TO 2" SCH 160 PIPE WELD				
27-027	2" SCH 160 PIPE TO ELL WELD				
27-028	ELL TO 2" SCH 160 PIPE WELD				

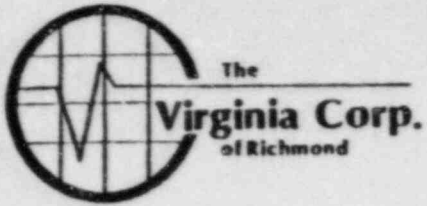




PROGRAM PLAN  
Waterford III  
EEASCO Services Inc.  
Louisiana Power & Light

Zone: 27Date: 3/15/83Revision: 5PRESSURIZER AUX. SPRAY

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
27-029	2" SCH 160 PIPE TO TEE WELD	B-J	SURFACE	ISI-3.1	N/A
27-030	TEE TO 2" SCH 160 PIPE WELD				
27-031	2" SCH 160 PIPE TO ELL WELD				
27-032	ELL TO 2" SCH 160 PIPE WELD				
27-033	2" SCH 160 PIPE TO ELL WELD				
27-034	ELL TO 2" SCH 160 PIPE WELD				
27-035	2" SCH 160 PIPE TO 2"X 1" RED WELD				
27-036-600	1RC1-70A/E FROM 1RC2-148 TO VALVE 1RC-V2507-11		EXEMPT IWB-1220 (B)	N/A	
27-037	TEE TO 2" SCH 160 PIPE WELD		SURFACE	ISI-3.1	
27-038	2" SCH 160 PIPE TO ELL WELD				
27-039	ELL TO 2" SCH 160 PIPE WELD				
27-040	2" SCH 160 PIPE TO 45 DEG ELL WELD				
27-041	45 DEG ELL TO 2" SCH 160 PIPE WELD				
27-043	2" SCH 160 PIPE TO 45 DEG ELL WELD				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
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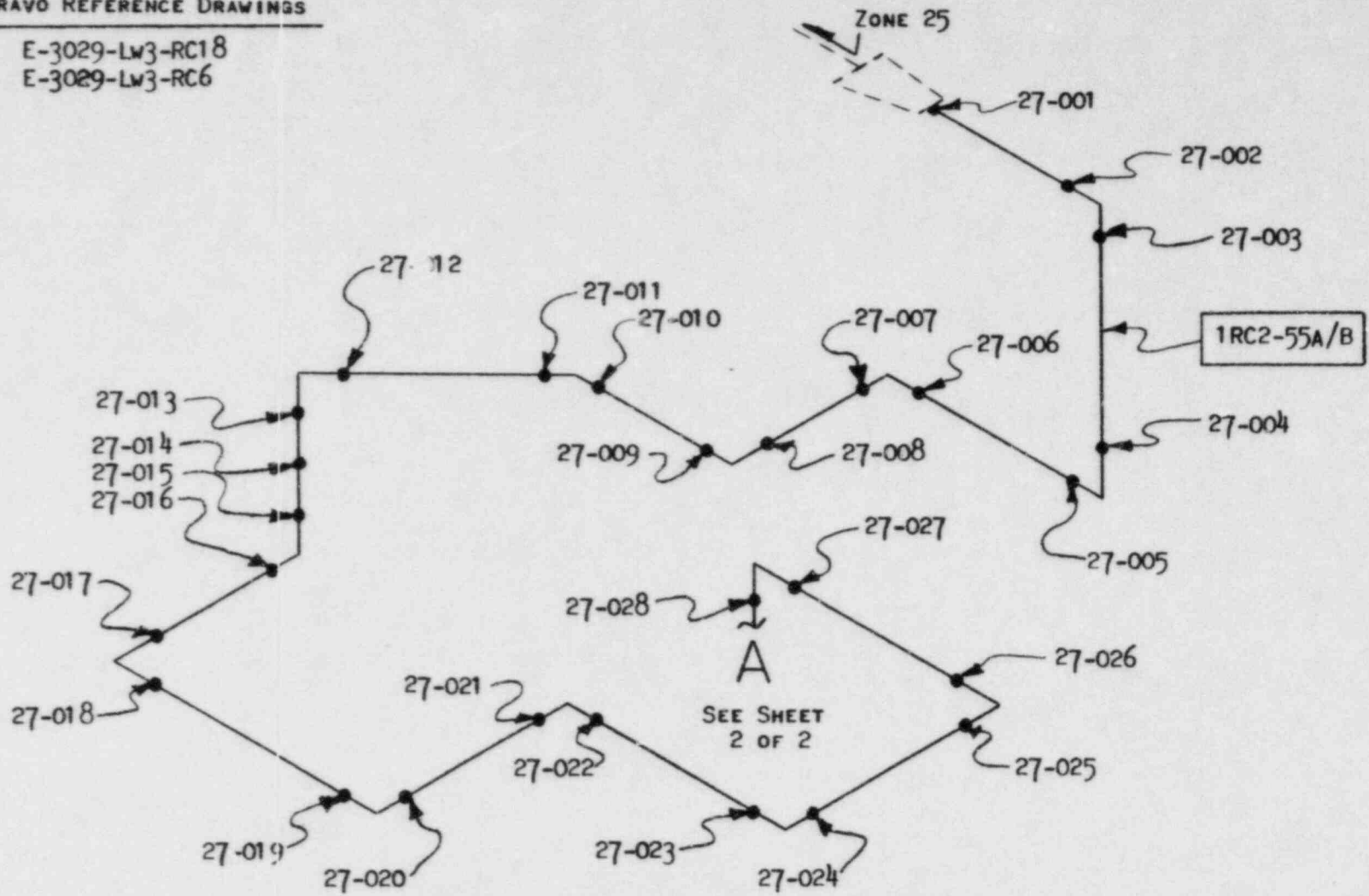
Zone: 27  
Date: 3/15/83  
Revision: 5

PRESSURIZER AUX. SPRAY

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
27-044	45 DEG ELL TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A'
27-045	2" SCH 160 PIPE TO 45 DEG ELL WELD				
27-046	45 DEG ELL TO 2" SCH 160 PIPE WELD				
27-047	2" SCH 160 PIPE TO ELL WELD				
27-048	ELL TO 2" SCH 160 PIPE WELD				
27-049	2" SCH 160 PIPE TO PIPE WELD				
27-050	2" SCH 160 PIPE TO ELL WELD				
27-051	ELL TO 2" SCH 160 PIPE WELD				
27-052	2" SCH 160 PIPE TO ELL WELD				
27-053	ELL TO 2" SCH 160 PIPE WELD				
27-054	2" SCH 160 PIPE TO ELL WELD				
27-055	ELL TO 2" SCH 160 PIPE WELD				

DRACO REFERENCE DRAWINGS

E-3029-LW3-RC18  
E-3029-LW3-RC6

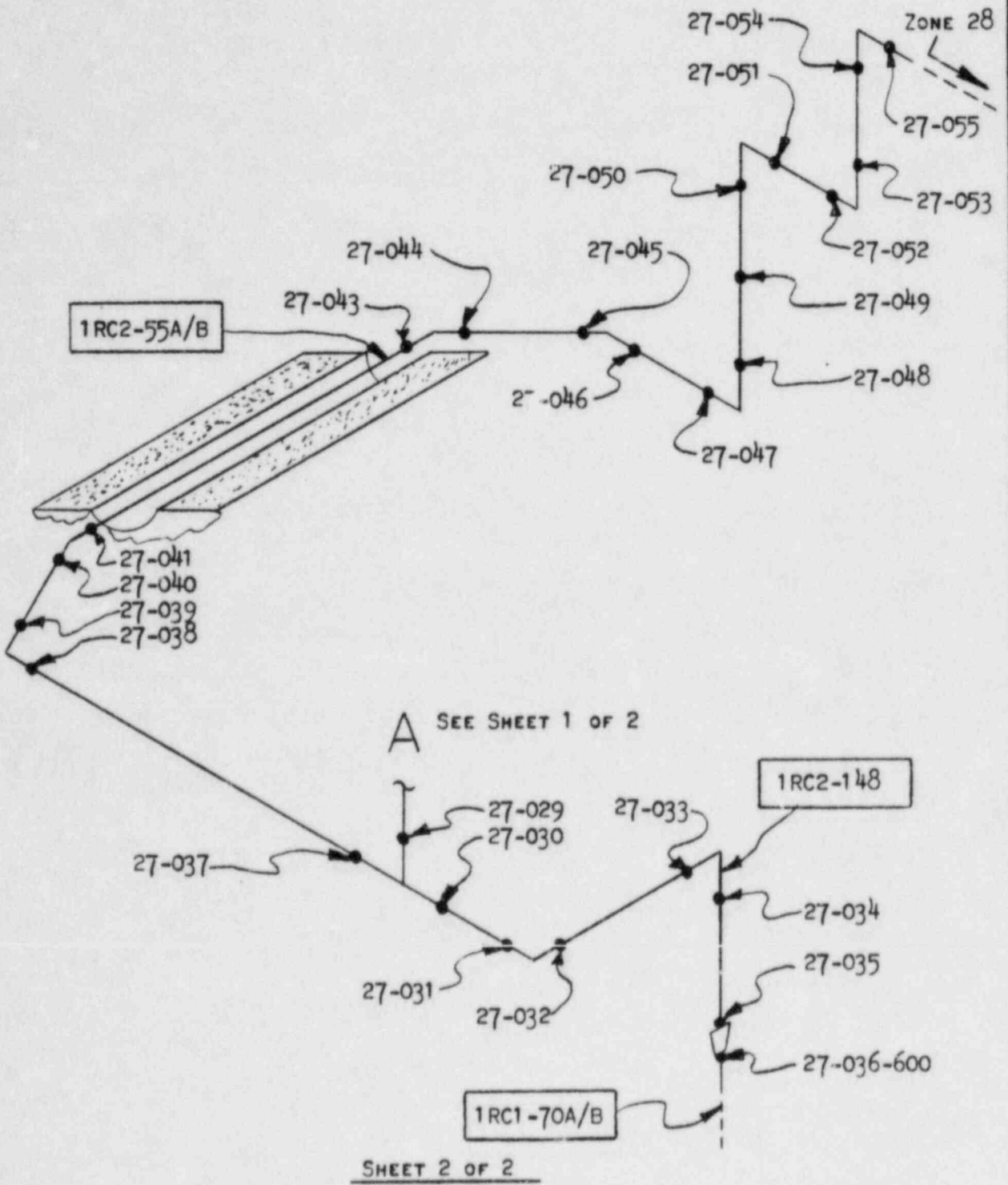


SHEET 1 OF 2



TITLE: PRESSURIZER AUXILIARY SPRAY

DATE: 3/15/83  
ZONE: 27  
REVISION: 5



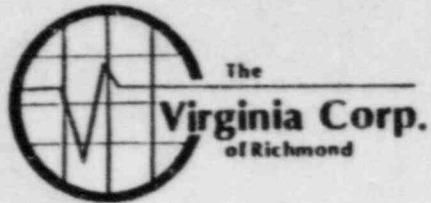
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PRESSURIZER AUXILIARY SPRAY

DATE: 3/15/83

ZONE: 27

REVISION: 5

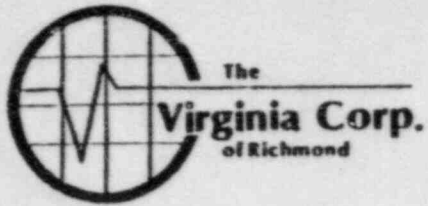


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-001	2" SCH 160 PIPE TO ELL WELD	B-J	SURFACE	ISI-3.1	N/A
28-002	ELL TO 2" SCH 160 PIPE WELD				
28-003	2" SCH 160 PIPE TO ELL WELD				
28-004	ELL TO 2" SCH 160 PIPE WELD				
28-005	2" SCH 160 PIPE TO 2"X 2"X 1" TEE WELD				
28-006-600	1RC1-59A/B FROM 1RC2-55A/B TO VALVE 1RC-V2507-8		EXEMPT IWB-1220 (B)	N/A	
28-007	2"X 2"X 1" TEE TO 2" SCH 160 PIPE WELD		SURFACE	ISI-3.1	
28-008	2" SCH 160 PIPE TO ELL WELD				
28-009	ELL TO 2" SCH 160 PIPE WELD				
28-010	2" SCH 160 PIPE TO ELL WELD				
28-011	ELL TO 2" SCH 160 PIPE WELD				
28-012	2" SCH 160 PIPE TO 2"X 2"X 2" TEE WELD				
28-013	2"X 2"X 2" TEE TO 2" SCH 160 PIPE WELD				
28-014	2" SCH 160 PIPE TO 2"X 1" RED WELD				

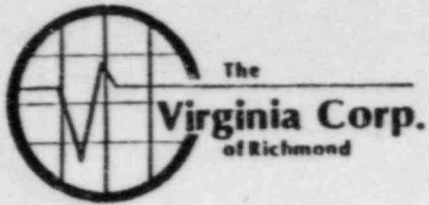


PROGRAM PLAN  
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EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28  
Date: 3/15/83  
Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-015-600	1RC1-60A/B FROM 1RC2-55A/B TO VALVE 1RC-V2507-6	B-J	EXEMPT IWB-1220 (B)	N/A	N/A
28-016	2" x 2" x 2" TEE TO 2" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	
28-017	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
28-018	CHECK VALVE 1CH-V2502-1	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-019	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
28-020	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
28-021	GATE VALVE 1CH-E2505A	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-022	2" SCH 160 PIPE TO ELL WELD	B-J	SURFACE	ISI-3.1	
28-023	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	
28-024	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	
28-025	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	
28-026	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓

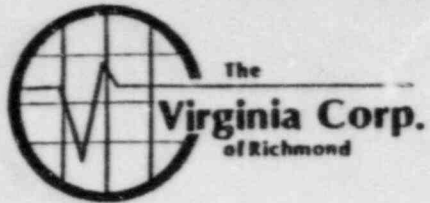


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Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-027	ELL TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
28-028	2" SCH 160 PIPE TO 2"x 2"x 2" TEE WELD	↓	↓	↓	↓
28-029	2"x 2"x 2" TEE TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-030	2" SCH 160 PIPE TO 2"x1" RED WELD	↓	↓	↓	↓
28-031-600	1RC1-64RL2 FROM 1RC2-42RL2 TO VALVE 1FC-V2507-2	↓	EXEMPT IWB-1220 (B)	N/A	↓
28-032	2"x 2"x 2" TEE TO 2" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	↓
28-033	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-034	CHECK VALVE 1CH-V2502-2	B-G-2	VT-1	BY OWNER	↓
		B-M-2	EXEMPT BY SIZE	N/A	↓
28-035	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	↓
28-036	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-037	GATE VALVE 1CH-E2504B	B-G-2	VT-1	BY OWNER	↓
		B-M-2	EXEMPT BY SIZE	N/A	↓
28-038	2" SCH 160 PIPE TO 2"x 2"x 1" TEE WELD	B-J	SURFACE	ISI-3.1	↓



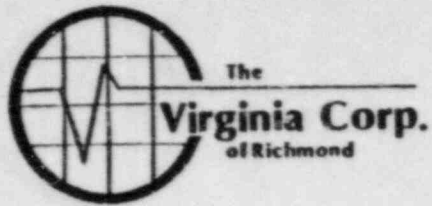
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-039-600	1RC1-67RL1 FROM 1RC2-41RL1 TO VALVE 1RC-V2507-21	B-J	EXEMPT IWB-1220 (B)	N/A	N/A
28-040	2"X 2"X 1" TEE TO 2" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	↓
28-041	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓
28-042	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-043	2" SCH 160 PIPE TO 2"X 2"X 2" TEE WELD	↓	↓	↓	↓
28-044	2"X 2"X 2" TEE TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-045	2" SCH 160 PIPE TO 2"X 1" RED WELD	↓	↓	↓	↓
28-046-600	1RC1-68RL1 FROM 1RC2-41RL1 TO VALVE 1RC-V2507-18	↓	EXEMPT IWB-1220 (B)	N/A	↓
28-047	2"X 2"X 2" TEE TO 2" SCH 160 PIPE WELD	↓	SURFACE	ISI-3.1	↓
28-048	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓
28-049	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-050	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-051	CHECK VALVE 1CH-V2502-3	B-G-2	VT-1	BY OWNER	↓
		B-M-2	EXEMPT BY SIZE	N/A	↓



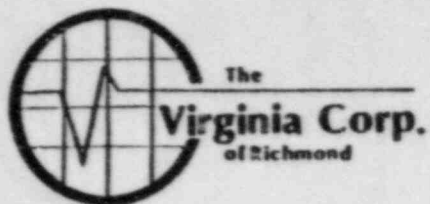


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-052	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
28-053	2" SCH 160 PIPE TO 2" x 2" x 2" TEE WELD	↓	↓	↓	↓
28-054	2" x 2" x 2" TEE TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-055	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-056	VALVE 1CH-V2507	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-057	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
28-058	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-059	CHECK VALVE 1CH-V2506	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-060	2" x 2" x 2" TEE TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
28-061	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓
28-062	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-063	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓

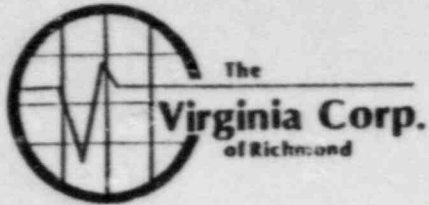


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-064	GATE VALVE 1CH-E2503A	B-G-2	VT-1	BY OWNER	N/A
		B-M-2	EXEMPT BY SIZE	N/A	
28-065	2" SCH 160 PIPE TO ELL WELD	B-J	SURFACE	ISI-3.1	
28-066	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	
28-067	2" SCH 160 PIPE TO ELL WELD				
28-068	ELL TO 2" SCH 160 PIPE WELD				
28-069	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
28-070	GATE VALVE 1CH-F1516 A/B	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-071	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
28-072	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
28-073	GATE VALVE 1CH-F2501 A/B	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-074	2" PIPE TO 2" X 2" X 2" TEE WELD	B-J	SURFACE	ISI-3.1	↓



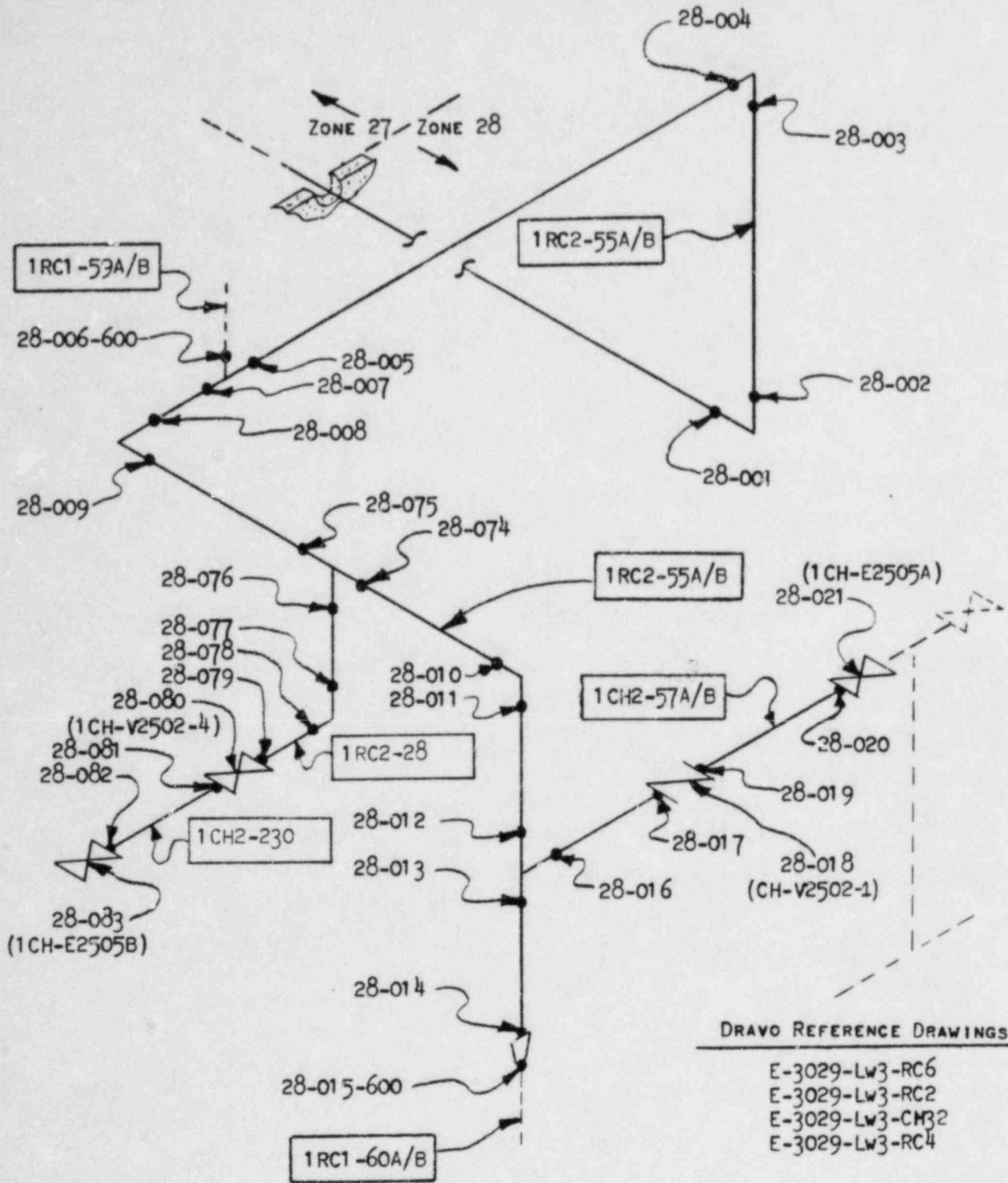
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 28Date: 3/15/83Revision: 5

CHARGING, AUX. SPRAY & LEYDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
28-075	2" x 2" x 2" TEE TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
28-076	TEE TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-077	2" SCH 160 PIPE TO ELL WELD	↓	↓	↓	↓
28-078	ELL TO 2" SCH 160 PIPE WELD	↓	↓	↓	↓
28-079	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-080	VALVE 1CH-V2502-4	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-081	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
28-082	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	↓
28-083	VALVE 1CH-E2505B	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
28-084	2" SCH 160 PIPE TO 2" x 2" x 2" TEE WELD	B-J	SURFACE	ISI-3.1	
28-085	2" x 2" x 2" TEE TO 2" x 1" RED WELD	↓	↓	↓	↓
28-086-600	1CH1-234 FROM 1CH2-K1544 TO VALVE 1CH-V1546	↓	EXEMPT IWB-1200 (e)	N/A	↓



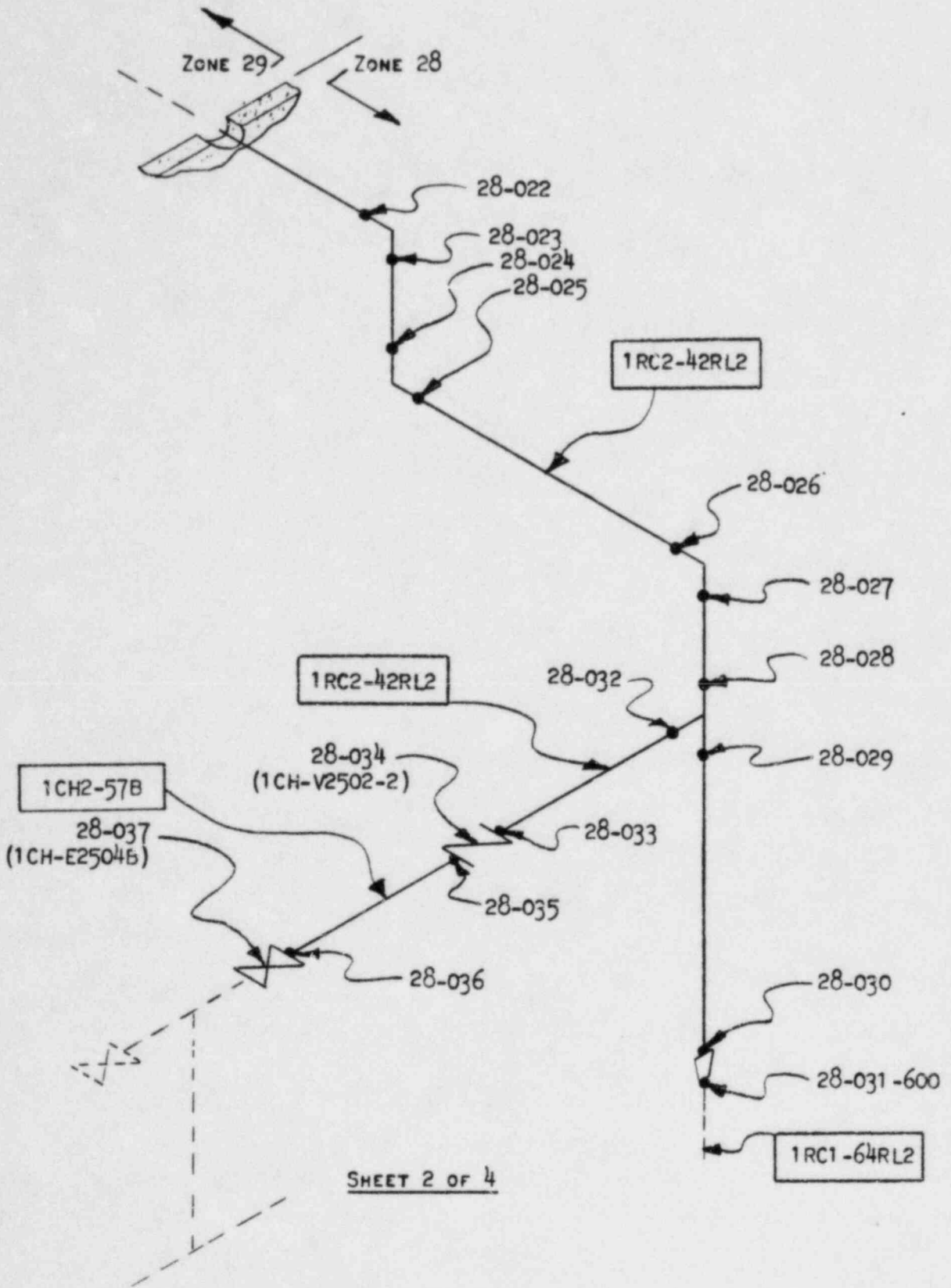


SHEET 1 OF 4



TITLE  
 CHARGING, AUXILIARY SPRAY AND  
 LETDOWN LINES IN REGENERATIVE HEAT  
 EXCHANGER ENCLOSURE

DATE: 3/15/83  
 ZONE: 28  
 REVISION: 5

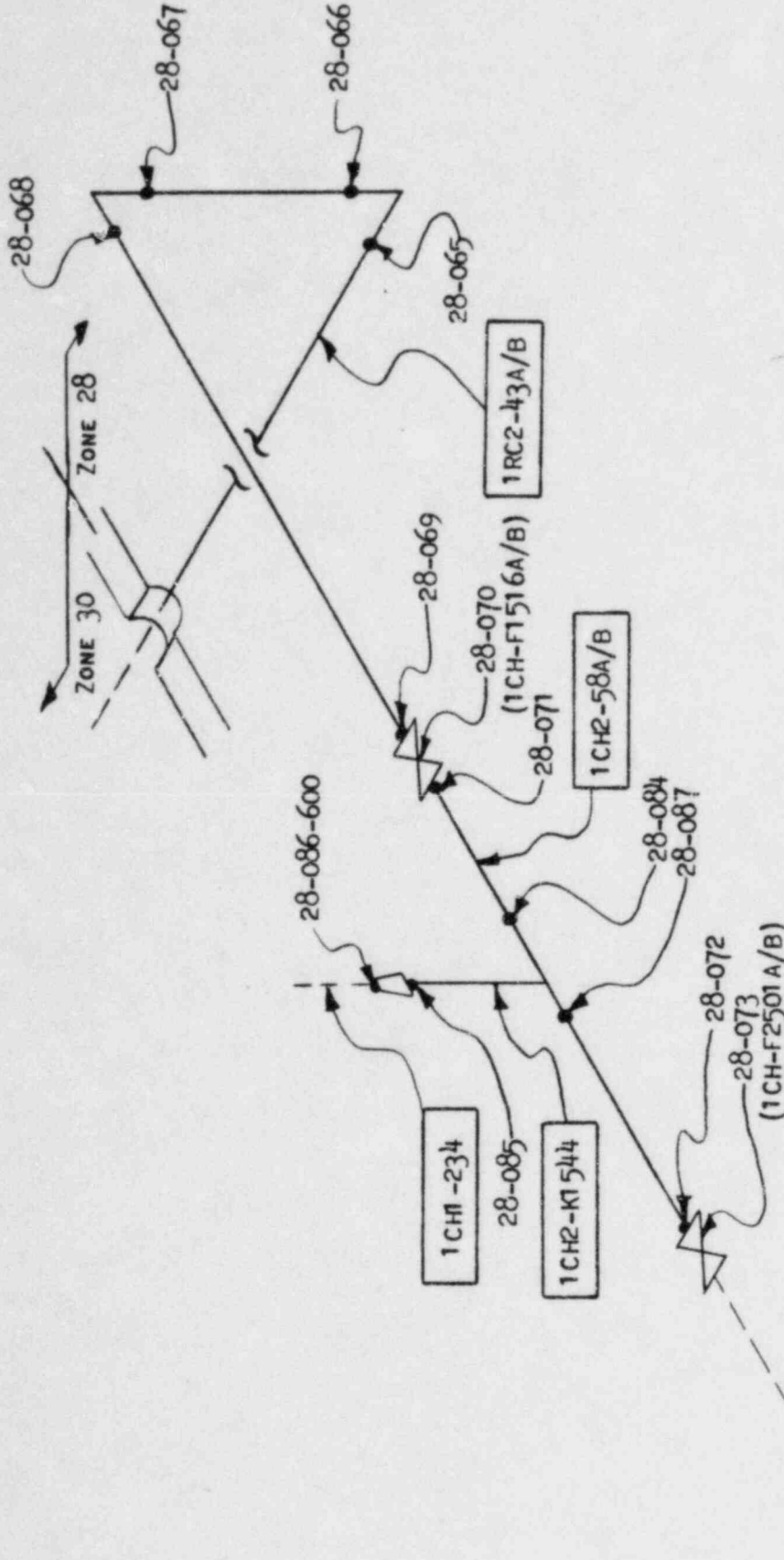


SHEET 2 OF 4



**TITLE**  
CHARGING, AUXILIARY SPRAY AND  
LETDOWN LINES IN REGENERATIVE HEAT  
EXCHANGER ENCLOSURE

**DATE:** 3/15/83  
**ZONE:** 28  
**REVISION:** 5



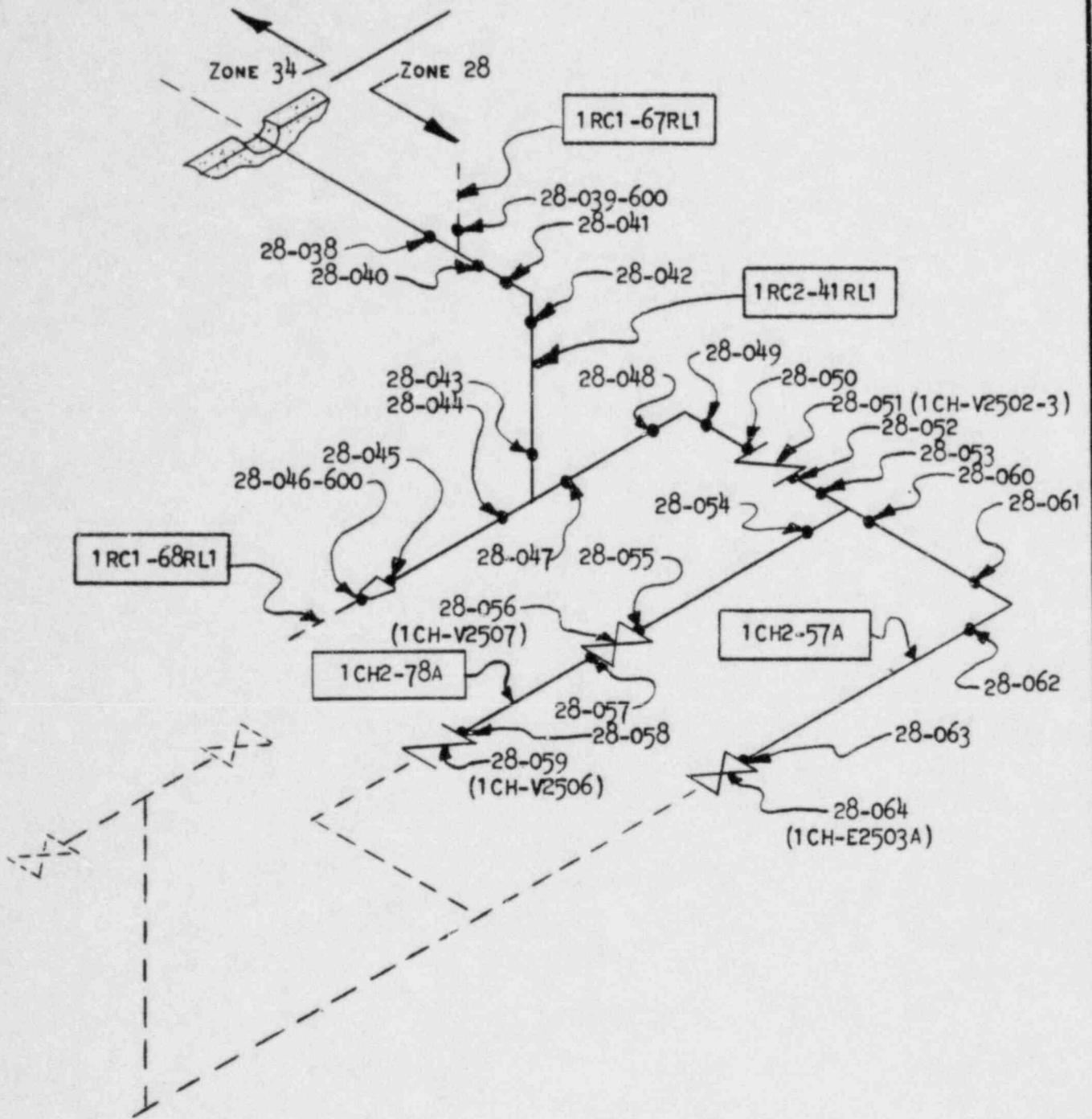
TO REGENERATIVE HEAT EXCHANGER

SHEET 3 OF 4



**TITLE:** CHARGING, AUXILIARY SPRAY AND LETDOWN LINES IN REGENERATIVE HEAT EXCHANGER ENCLOSURE

**DATE:** 3/15/83  
**ZONE:** 28  
**REVISION:** 5



SHEET 4 OF 4



**TITLE**

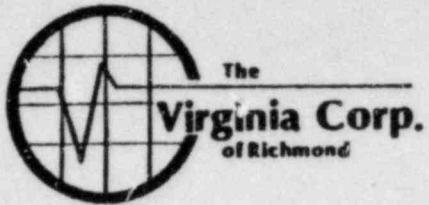
CHARGING, AUXILIARY SPRAY AND  
LETDOWN LINES IN REGENERATIVE HEAT  
EXCHANGER ENCLOSURE

DATE: 3/15/83

ZONE: 28

REVISION: 5





**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 29Date: 3/15/83Revision: 5CHARGING CONNECTION-LOOP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
29-001	SAFE-END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
29-002	2" SCH 160 PIPE TO ELL WELD				
29-003	ELL TO 2" SCH 160 PIPE WELD				
29-004	2" SCH 160 PIPE TO ELL WELD				
29-005	ELL TO 2" SCH 160 PIPE WELD				
29-006	2" SCH 160 PIPE TO ELL WELD				
29-007	ELL TO 2" SCH 160 PIPE WELD				
29-008	2" SCH 160 PIPE TO 45 DEG ELL WELD				
29-009	45 DEG ELL TO 2" SCH 160 PIPE WELD				
29-010	2" SCH 160 PIPE TO ELL WELD				
29-011	ELL TO 2" SCH 160 PIPE WELD				
29-012	2" SCH 160 PIPE TO ELL WELD				
29-013	ELL TO 2" SCH 160 PIPE WELD				
29-014	2" SCH 160 PIPE TO ELL WELD				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

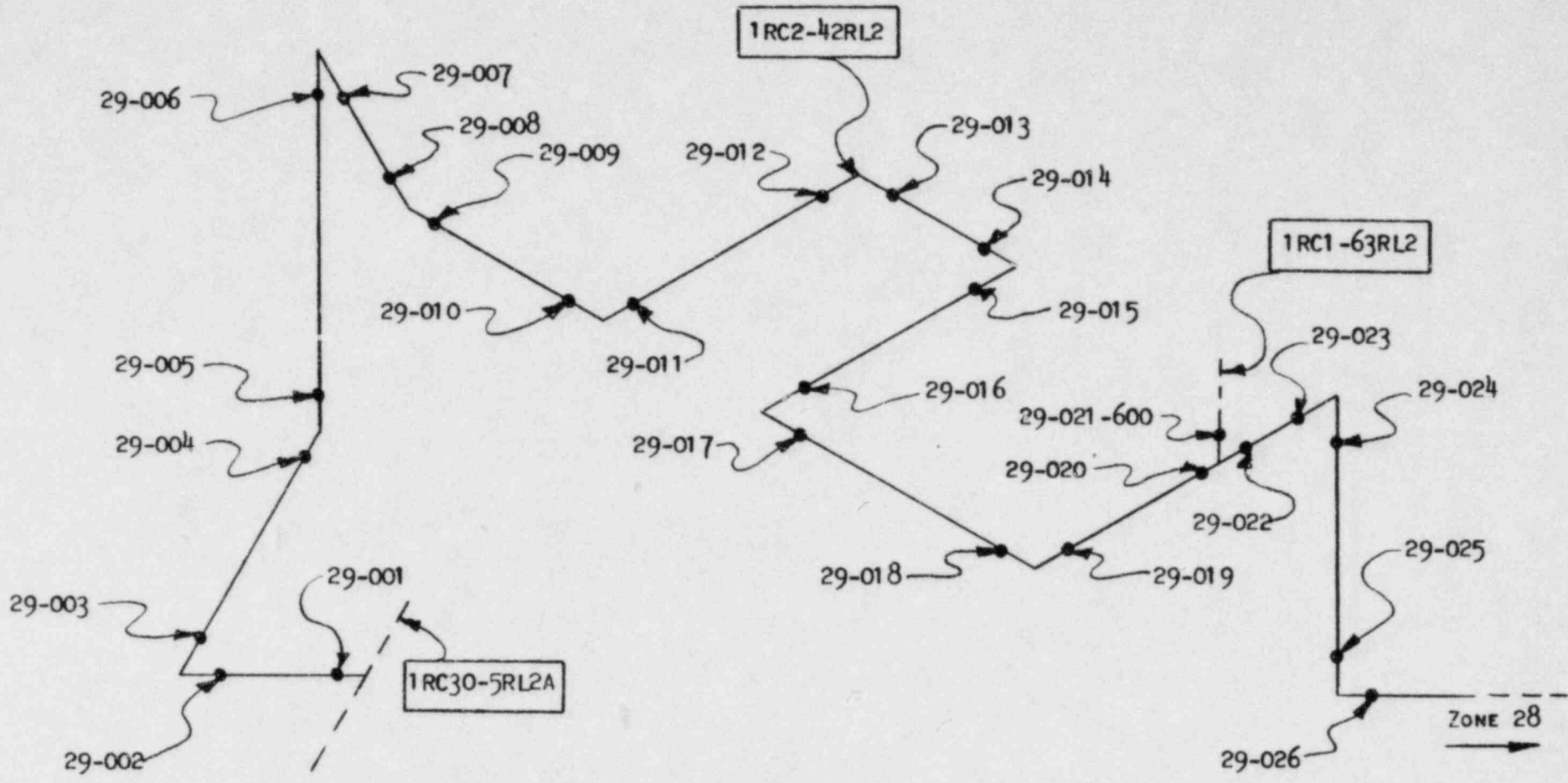
Zone: 29  
Date: 3/15/83  
Revision: 5

CHARGING CONNECTION - LOOP 2A

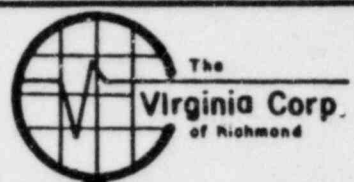
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
29-015	ELL TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
29-016	2" SCH 160 PIPE TO ELL WELD				
29-017	ELL TO 2" SCH 160 PIPE WELD				
29-018	2" SCH 160 PIPE TO ELL WELD				
29-019	ELL TO 2" SCH 160 PIPE WELD				
29-020	2" SCH 160 PIPE TO 2"X 2"X 1" TEE WELD				
29-021 -600	1RC1-63RL2 FROM 1RC2-42RL2 TO VALVE 1RC-V2507-9		EXEMPT iWB-1220 (B)	N/A	
29-022	2"X 2"X 1" TEE TO 2" SCH 160 PIPE WELD		SURFACE	ISI-3.1	
29-023	2" SCH 160 PIPE TO ELL WELD				
29-024	ELL TO 2" SCH 160 PIPE WELD				
29-025	2" SCH 160 PIPE TO ELL WELD				
29-026	ELL TO 2" SCH 160 PIPE WELD				

DRAGO REFERENCE DRAWING

E-3029-LW3-RC-13



SHEET 1 OF 1



TITLE: CHARGING CONNECTION LOOP 2A

DATE: 3/15/83  
ZONE: 29  
REVISION: 5



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 30Date: 3/15/83Revision: 5LETDOWN LINE FROM LOOP 2B

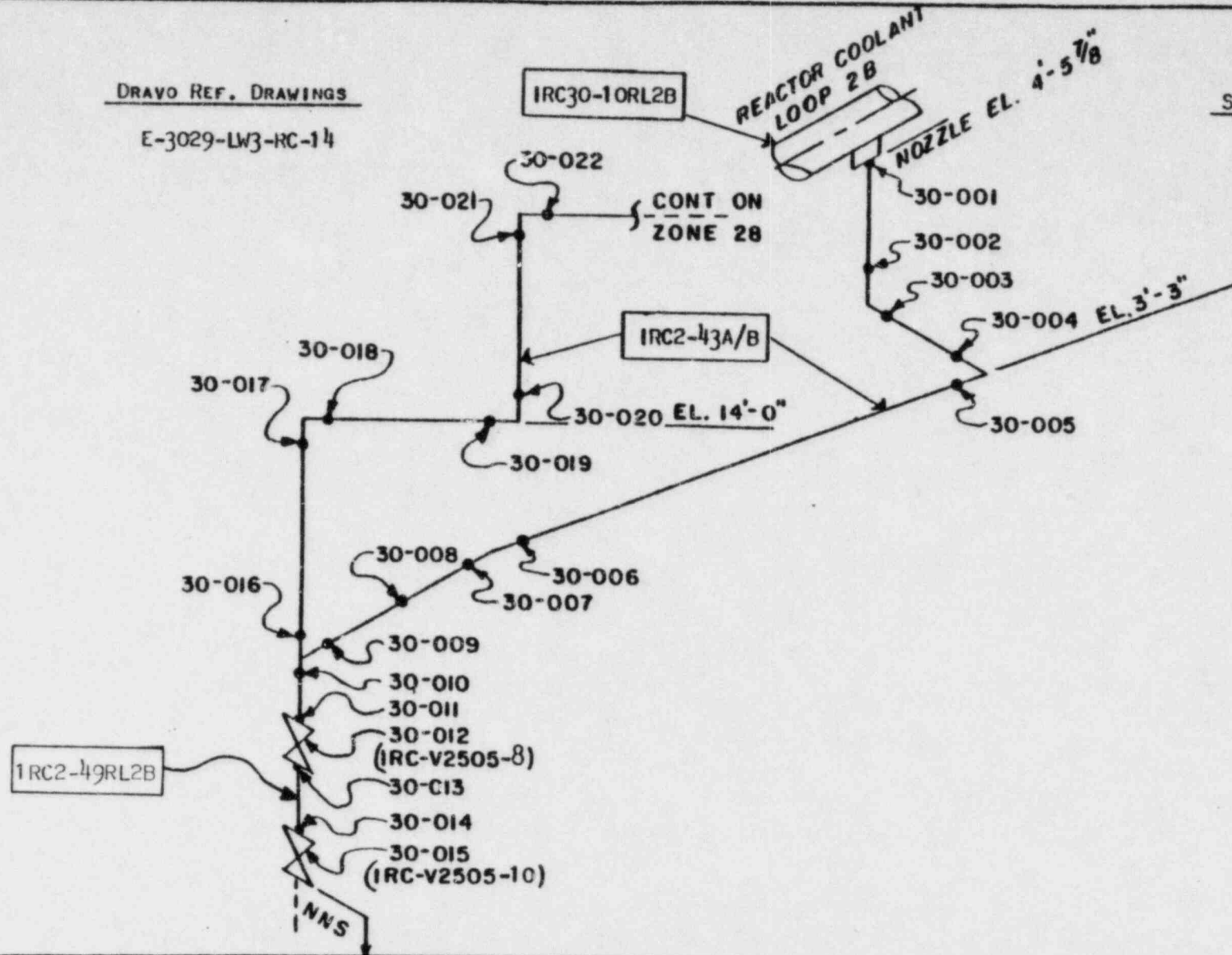
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
30-001	SAFE-END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
30-002	2" SCH 160 PIPE TO ELL WELD				
30-003	ELL TO 2" SCH 160 PIPE WELD				
30-004	2" SCH 160 PIPE TO ELL WELD				
30-005	ELL TO 2" SCH 160 PIPE WELD				
30-006	2" SCH 160 PIPE TO 45 DEG ELL WELD				
30-007	45 DEG ELL TO 2" SCH 160 PIPE WELD				
30-008	2" SCH 160 PIPE TO PIPE WELD				
30-009	2" SCH 160 PIPE TO TEE WELD				
30-010	TEE TO 2" SCH 160 PIPE WELD				
30-011	2" SCH 160 PIPE TO VALVE END WELD				
30-012	GLOBE VALVE 1RC-V2505-8	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
30-013	VALVE END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	



DRAVO REF. DRAWINGS

E-3029-LW3-RC-14

SHEET 1 OF 1



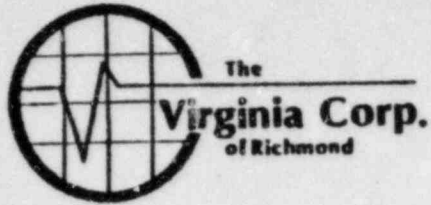
Date 3/15/83

Title:

Zone: 30

Letdown Line from Loop 2B

Revision: 5



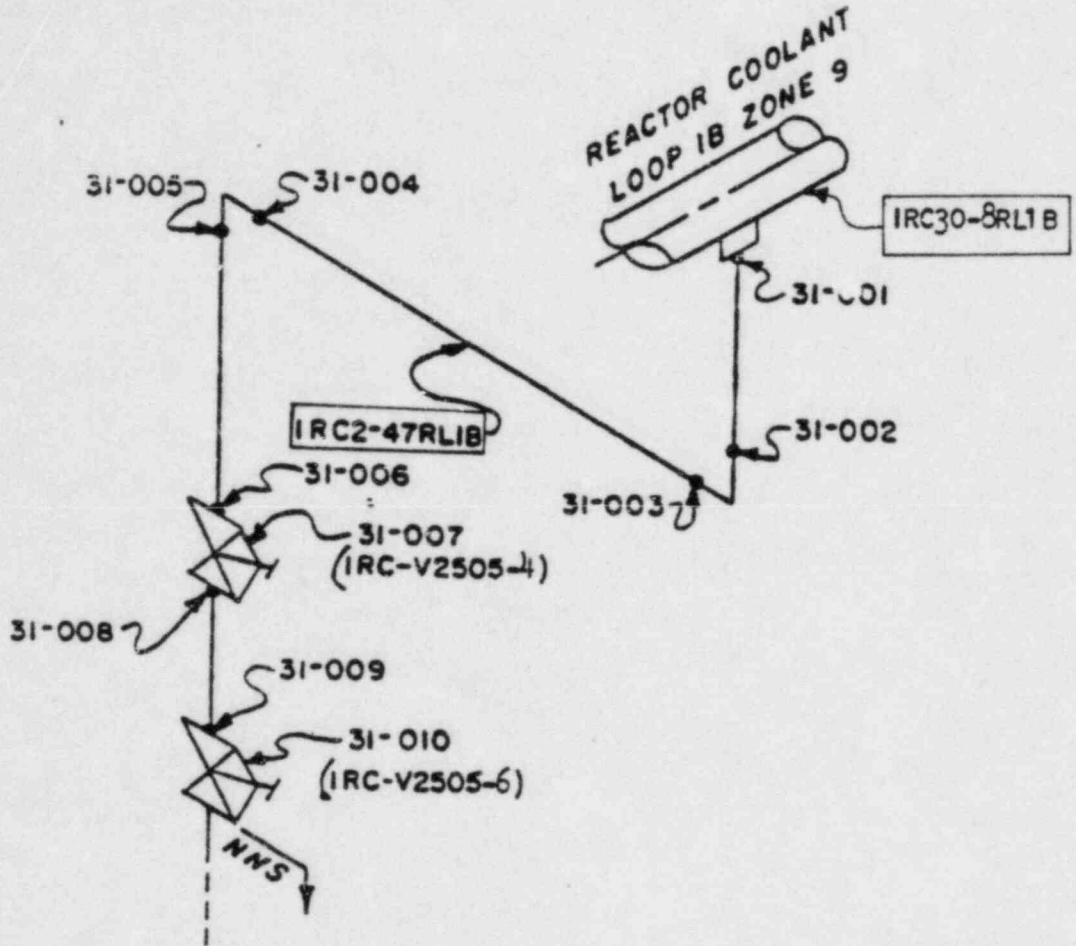
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light


Zone: 31Date: 3/15/83Revision: 5

DRAINLINE - LOOP 1B - COLD LEG

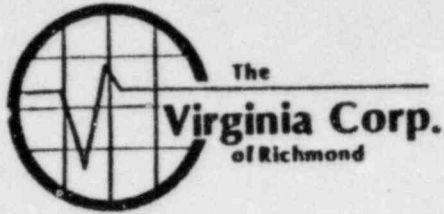
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
31-001	SAFE-END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
31-002	2" SCH 160 PIPE TO ELL WELD				
31-003	ELL TO 2" SCH 160 PIPE WELD				
31-004	2" SCH 160 PIPE TO ELL WELD				
31-005	ELL TO 2" SCH 160 PIPE WELD				
31-006	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
31-007	GLOBE VALVE 1RC-2505-4	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
31-008	VALVE END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	
31-009	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
31-010	GLOBE VALVE 1RC-V2505-6	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	↓

E-3029-LW3-RC-15



	Date: 3/15/83	Title:
	Zone: 31	Drainline - Loop 1B - Cold Leg
	Revision: 5	



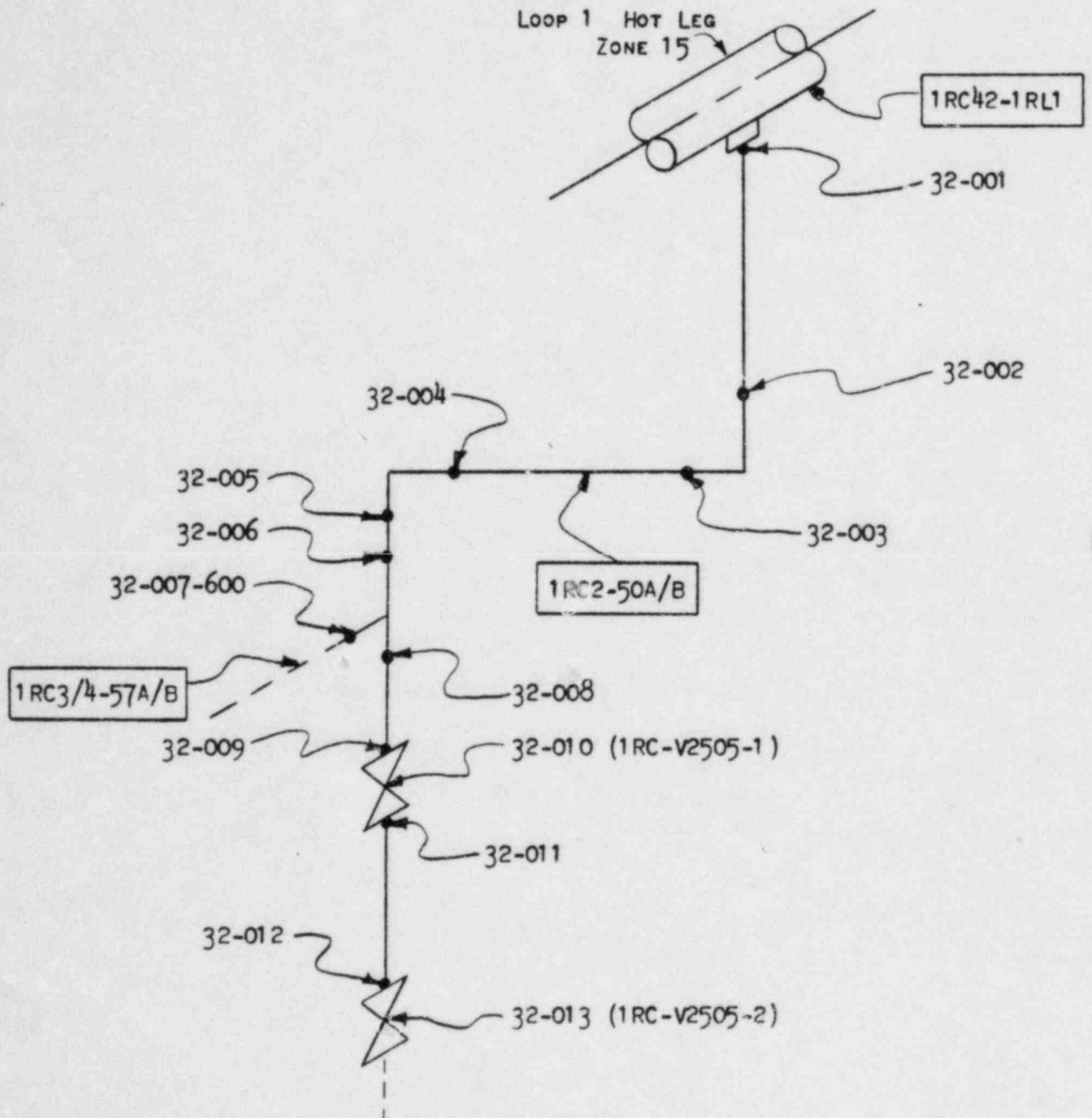


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 32Date: 3/15/83Revision: 5DRAINLINE LOOP 1 - HOT LEG

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
32-001	SAFE-END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
32-002	2" SCH 160 PIPE TO ELL. WELD				
32-003	ELL TO 2" SCH 160 PIPE WELD				
32-004	2" SCH 160 PIPE TO ELL WELD				
32-005	ELL TO 2" SCH 160 PIPE WELD				
32-006	2" SCH 160 PIPE TO 2"X 2"X 3/4" TEE WELD				
32-007-600	1RC3/4-57A/B FROM 1RC2-50A/B TO VALVE 1RC-V2508		EXEMPT IWB-1220 (B)	N/A	
32-008	2"X 2"X 3/4" TEE TO 2" SCH 160 PIPE WELD		SURFACE	ISI-3.1	
32-009	2" SCH 160 PIPE TO VALVE END WELD				
32-010	GLOBE VALVE 1RC-V2505-1	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
32-011	VALVE END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	
32-012	2" SCH 160 PIPE TO VALVE END WELD				
32-013	GLOBE VALVE 1RC-V2505-2	B-G-2	VT-1	BY OWNER	





SHEET 1 OF 1



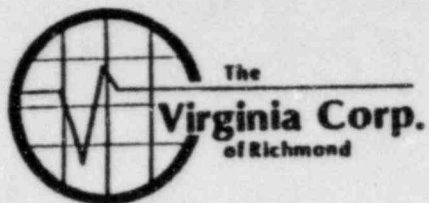
TITLE

HOT LEG DRAIN - LOOP 1

DATE: 3/15/83

ZONE: 32

REVISION: 5



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 33Date: 3/15/83Revision: 5

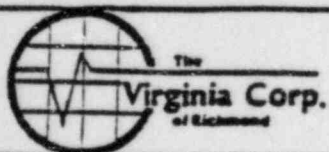
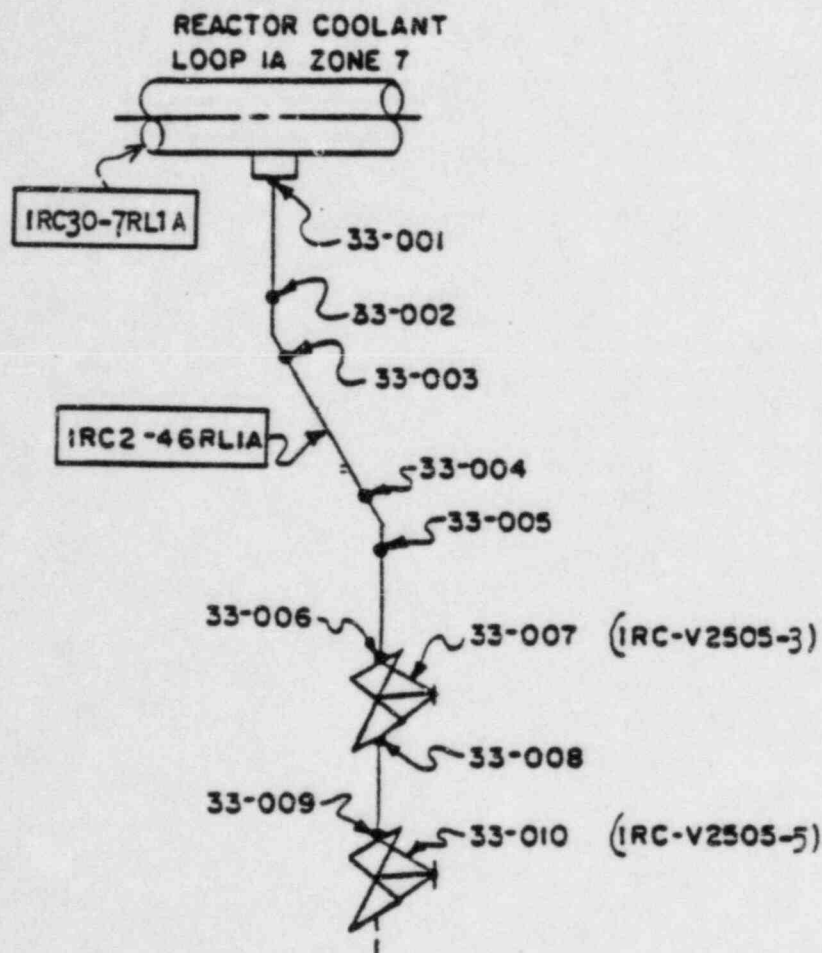
DRAINLINE - LOOP 1A - COLD LEG

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
33-001	SAFE-END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
33-002	2" SCH 160 PIPE TO ELL WELD				
33-003	ELL TO 2" SCH 160 PIPE WELD				
33-004	2" SCH 160 PIPE TO ELL WELD				
33-005	ELL TO 2" SCH 160 PIPE WELD				
33-006	2" SCH 160 PIPE TO VALVE END WELD				
33-007	GLOBE VALVE 1RC-V2505-3	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
33-008	VALVE END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	
33-009	2" SCH 160 PIPE TO VALVE END WELD				
33-010	GLOBE VALVE 1RC-V2505-5	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	

SHEET 1 OF 1

DRAWG REF. DRAWINGS

E-3029-LW3-RC-15



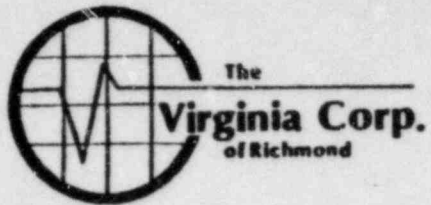
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DRAINLINE - LOOP 1A COLD LEG

Date: 3/15/83

Zone: 33

Revision: 5

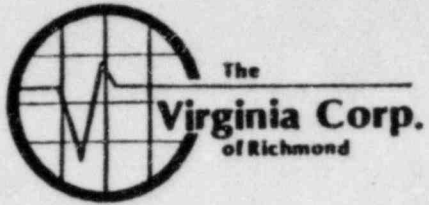


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 34  
Date: 3/15/83  
Revision: 5

CHARGING CONNECTION - LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
34-001	SAFE-END TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
34-002	2" SCH 160 PIPE TO ELL WELD				
34-003	ELL TO 2" SCH 160 PIPE WELD				
34-004	2" SCH 160 PIPE TO ELL WELD				
34-005	ELL TO 2" SCH 160 PIPE WELD				
34-006	2" SCH 160 PIPE TO ELL WELD				
34-007	ELL TO 2" SCH 160 PIPE WELD				
34-008	2" SCH 160 PIPE TO ELL WELD				
34-009	ELL TO 2" SCH 160 PIPE WELD				
34-010	2" SCH 160 PIPE TO ELL WELD				
34-011	ELL TO 2" SCH 160 PIPE WELD				
34-012	2" SCH 160 PIPE TO ELL WELD				
34-013	ELL TO 2" SCH 160 PIPE WELD				
34-014	2" SCH 160 PIPE TO ELL WELD				



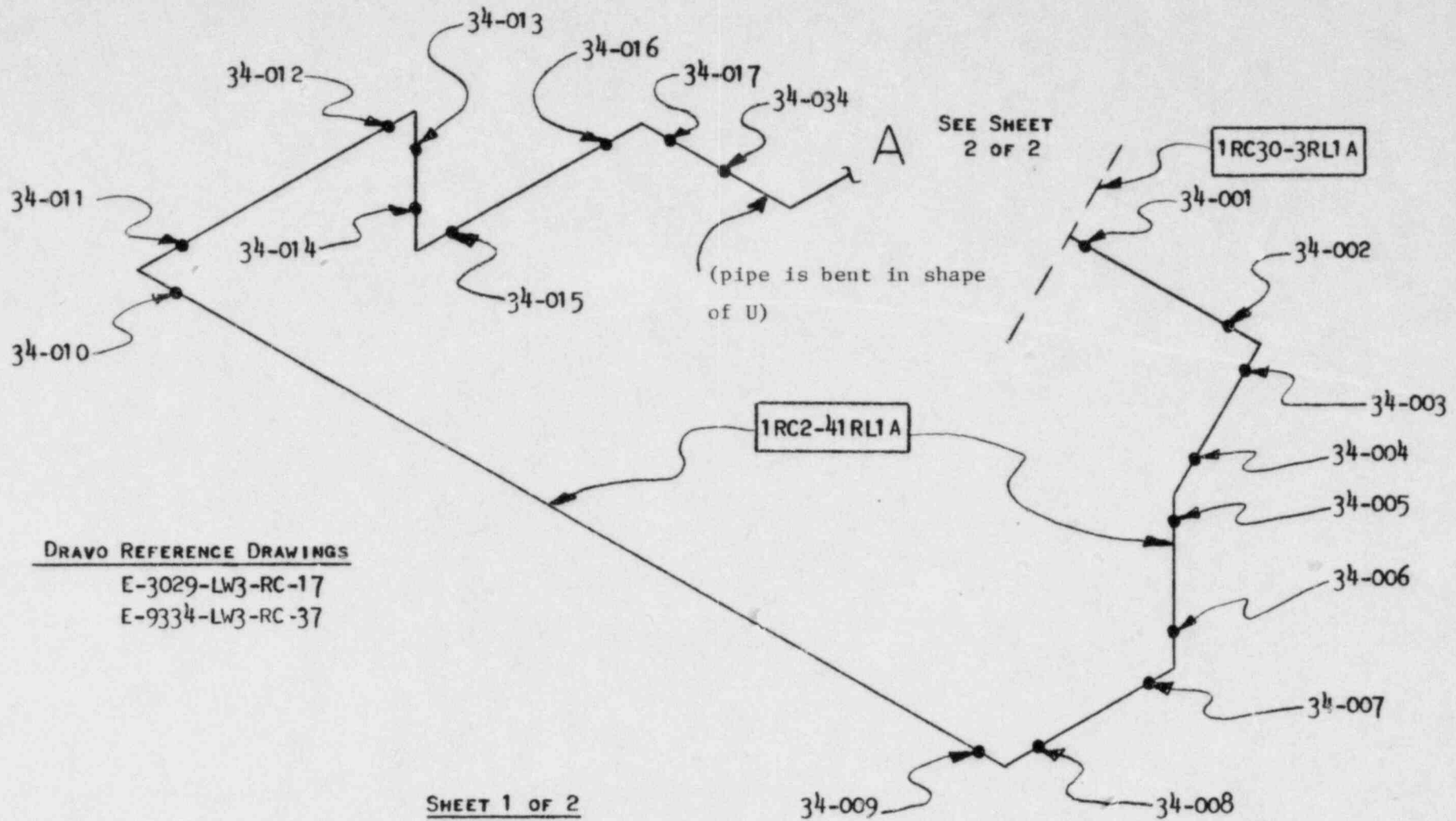
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 34Date: 3/15/83Revision: 5CHARGING CONNECTION - LOOP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
34-015	ELL TO 2" SCH 160 PIPE WELD	B-J	SURFACE	ISI-3.1	N/A
34-016	2" SCH 160 PIPE TO ELL WELD				
34-017	ELL TO 2" SCH 160 PIPE WELD				
34-018	2" sch 160 u-shape pipe to ell weld				
34-019	ELL TO 2" SCH 160 PIPE WELD				
34-020	2" SCH 160 PIPE TO TEE WELD				
34-021	TEE TO 2" SCH 160 PIPE WELD				
34-022	2" SCH 160 PIPE TO ELL WELD				
34-023	ELL TO 2" SCH 160 PIPE WELD				
34-024	2" SCH 160 PIPE TO ELL WELD				
34-025	ELL TO 2" SCH 160 PIPE WELD				
34-026	2" SCH 160 PIPE TO ELL WELD				
34-027	ELL TO 2" SCH 160 PIPE WELD				
34-028	2" SCH 160 PIPE TO ELL WELD				







DRAGO REFERENCE DRAWINGS

E-3029-LW3-RC-17

E-9334-LW3-RC-37

SHEET 1 OF 2

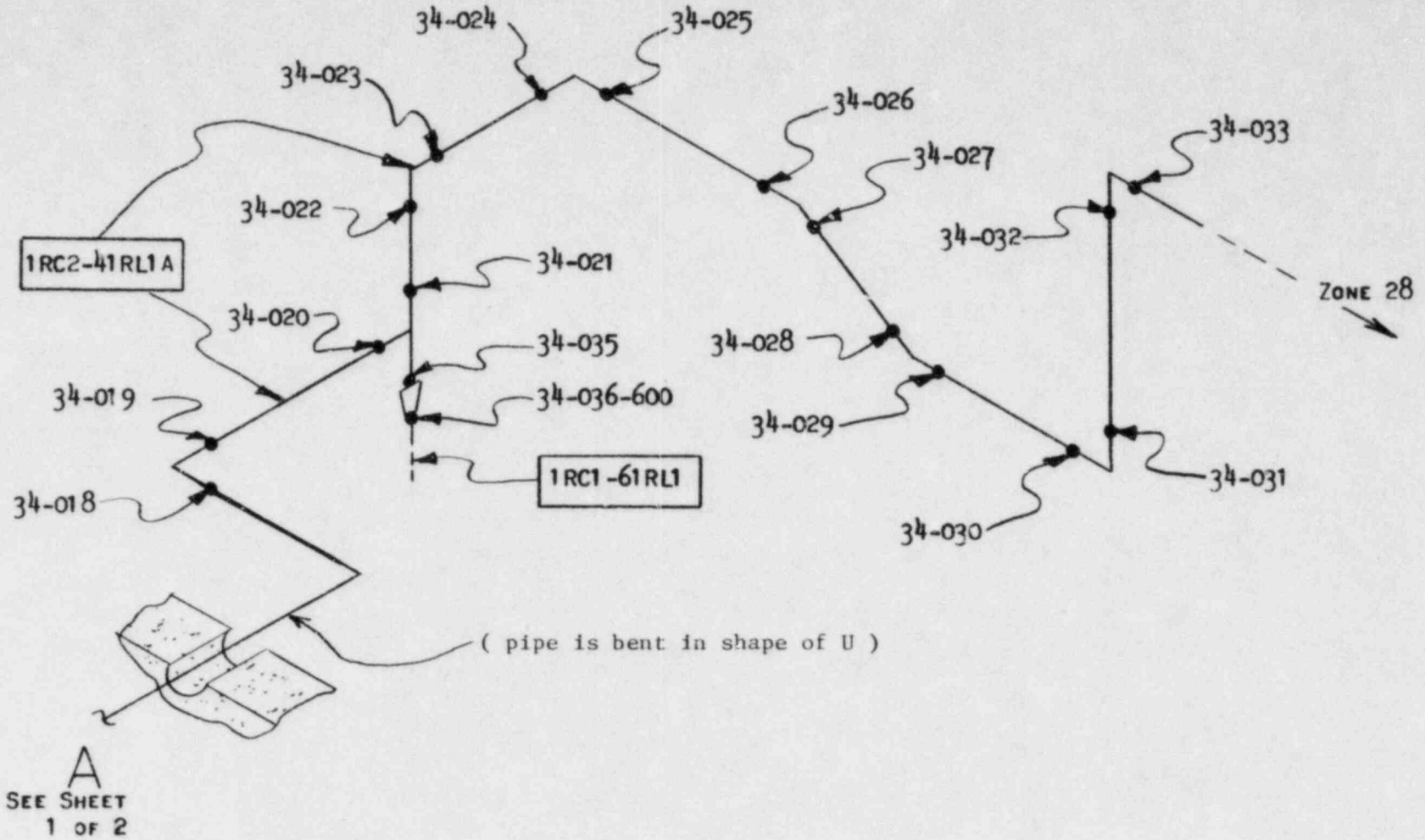


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CHARGING CONNECTION LOOP 1A

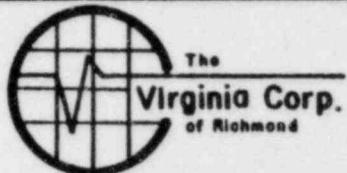
DATE: 3-15-83

ZONE: 34

REVISION: 5

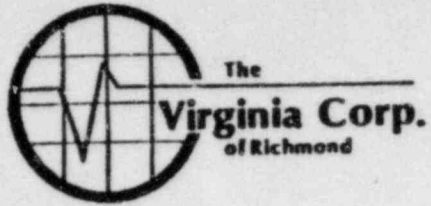


SHEET 2 OF 2



TITLE:  
CHARGING CONNECTION LOOP 1A

DATE: 3-15-83  
ZONE: 34  
REVISION: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 35

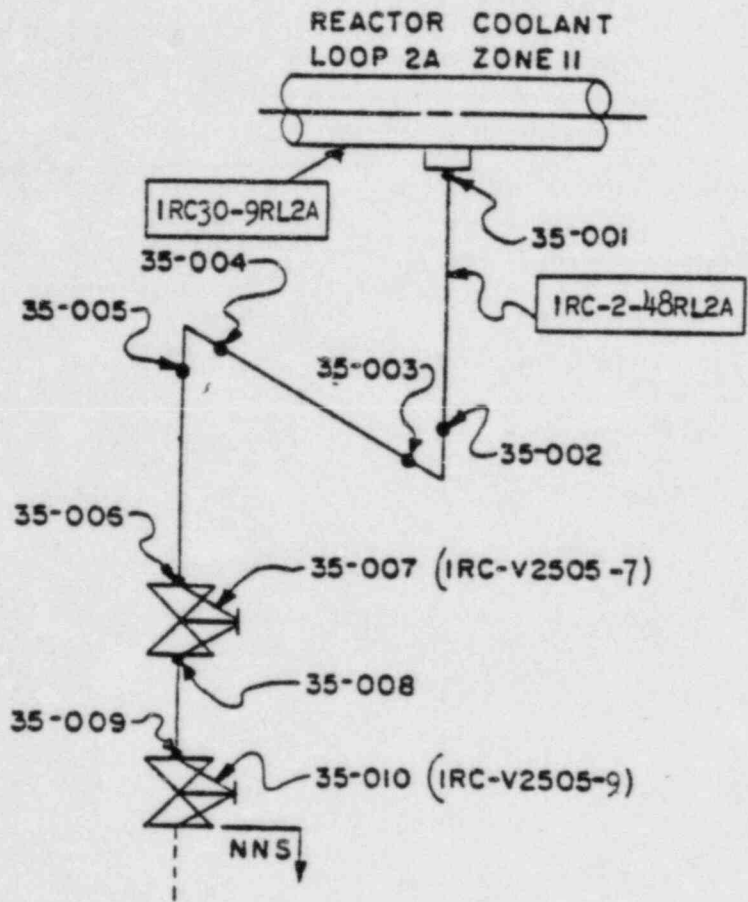
Date: 3/15/83

Revision: 5

DRAINLINE - LOOP 2A - COLD LEG

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
35-001	SAFE-END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	N/A
35-002	2" SCH 160 PIPE TO ELL WELD				
35-003	ELL TO 2" SCH 160 PIPE WELD				
35-004	2" SCH 160 PIPE TO ELL WELD				
35-005	ELL TO 2" SCH 160 PIPE WELD				
35-006	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
35-007	GLOBE VALVE 1RC-V2505-7	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	
35-008	VALVE END TO 2" SCH 160 PIPE WELD	BJ	SURFACE	ISI-3.1	
35-009	2" SCH 160 PIPE TO VALVE END WELD	↓	↓	↓	
35-010	GLOBE VALVE 1RC-V2505-9	B-G-2	VT-1	BY OWNER	
		B-M-2	EXEMPT BY SIZE	N/A	↓

E-3029-LW3-RC-15

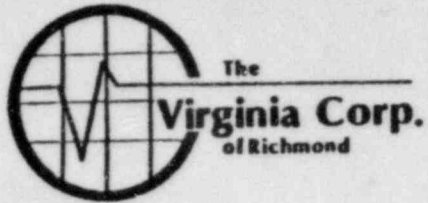


Date: 3/15/83

Title: Drainline - Loop 2A - Cold Leg

Zone: 35

Revision: 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 37  
Date: 3/15/83  
Revision: 5

REACTOR COOLANT PUMP 1A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
37-001	PUMP CASING UPPER SCROLL WELD	B-L-1	*VOL. & *SURF.	ISI-3.1	N/A
37-002	PUMP CASING LOWER SCROLL WELD	↓	↓	↓	
37-003	O.D. & I.D. SUPPORT SKIRT TO PUMP CASING WELD	B-K-1	SURFACE	↓	
37-004	PUMP SUPPORT STRUCTURE	B-K-2	N/A	N/A	
37-005	PUMP CASING INTERNAL PRESSURE BOUNDARY SURFACE	B-L-2	↓	↓	
37-006	MOTOR FLYWHEEL, ENTIRE FLYWHEEL	REG. GUIDE 1.1 <sup>4</sup>	*VOL. & *SURF.	↓	↓
37-007	MOTOR FLYWHEEL, HIGH STRESS REGION AT BORE & KEYWAY	↓	VOL.	ISI-2.9	TEST PIECE
37-S-001	RCP STUD # 1	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
37-S-002	RCP STUD # 2				
37-S-003	RCP STUD # 3				
37-S-004	RCP STUD # 4				
37-S-005	RCP STUD # 5				
37-S-006	RCP STUD # 6				
37-S-007	RCP STUD # 7	↓	↓	↓	↓

\*PRESERVICE EXAMINATIONS WERE PERFORMED IN THE FABRICATION SHOP BY THE VENDOR.

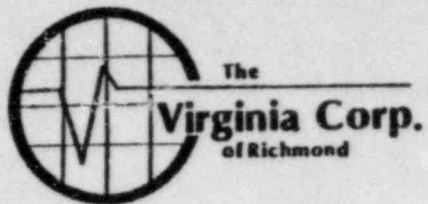


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 37  
Date: 3/15/83  
Revision: 5

REACTOR COOLANT PUMP 1A

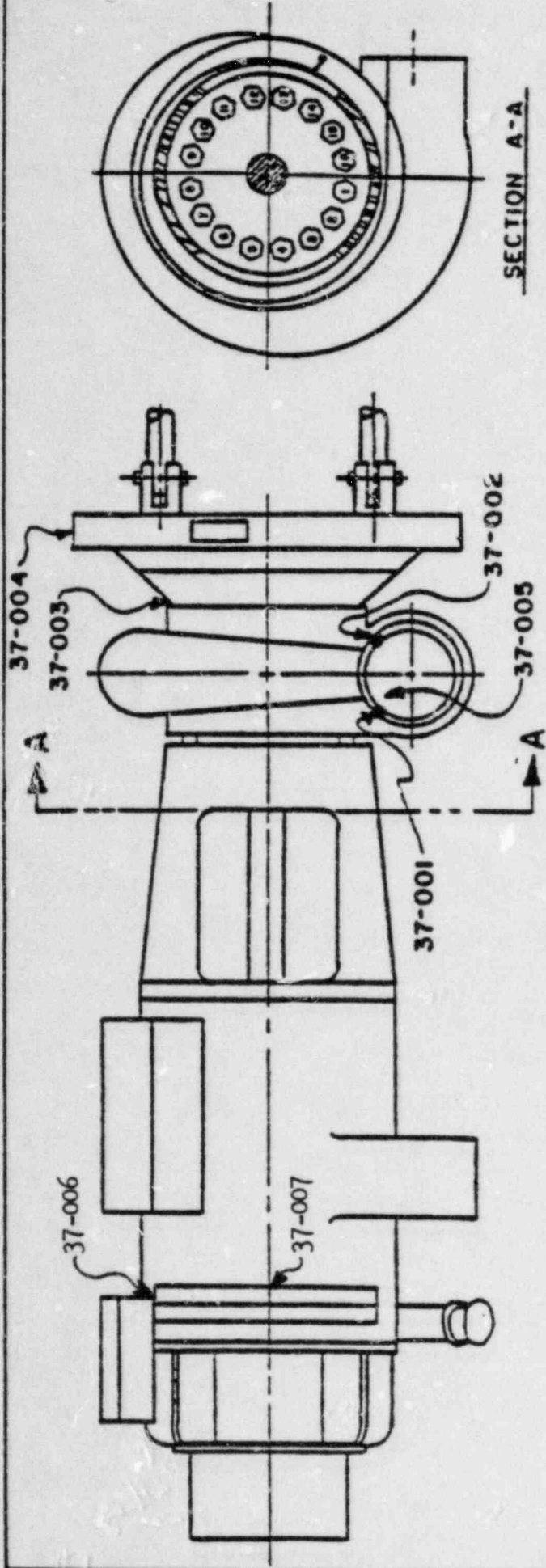
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
37-S-008	RCP STUD # 8	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
37-S-009	RCP STUD # 9				
37-S-010	RCP STUD # 10				
37-S-011	RCP STUD # 11				
37-S-012	RCP STUD # 12				
37-S-013	RCP STUD # 13				
37-S-014	RCP STUD # 14				
37-S-015	RCP STUD # 15				
37-S-016	RCP STUD # 16				
37-N-001	RCP BOLTING # 1		VT-1	N/A	N/A
37-N-002	RCP BOLTING # 2				
37-N-003	RCP BOLTING # 3				
37-N-004	RCP BOLTING # 4				
37-N-005	RCP BOLTING # 5				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light  
REACTOR COOLANT PUMP 1A

Zone: 37Date: 3/15/83Revision: 5

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
37-N-006	RCP BOLTING # 6	B-G-1	VT-1	N/A	N/A
37-N-007	RCP BOLTING # 7				
37-N-008	RCP BOLTING # 8				
37-N-009	RCP BOLTING # 9				
37-N-010	RCP BOLTING # 10				
37-N-011	RCP BOLTING # 11				
37-N-012	RCP BOLTING # 12				
37-N-013	RCP BOLTING # 13				
37-N-014	RCP BOLTING # 14				
37-N-015	RCP BOLTING # 15				
37-N-016	RCP BOLTING # 16				

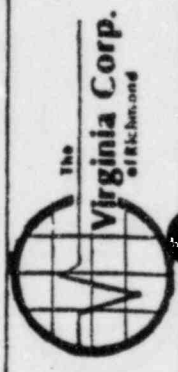


STUD DESIGNATION

1	37-B-001
2	37-B-002
3	37-B-003
4	37-B-004
5	37-B-005
6	37-B-006
7	37-B-007
8	37-B-008
9	37-B-009
10	37-B-010
11	37-B-011
12	37-B-012
13	37-B-013
14	37-B-014
15	37-B-015
16	37-B-016

BOLTING DESIGNATION

1	37-B-001
2	37-B-002
3	37-B-003
4	37-B-004
5	37-B-005
6	37-B-006
7	37-B-007
8	37-B-008
9	37-B-009
10	37-B-010
11	37-B-011
12	37-B-012
13	37-B-013
14	37-B-014
15	37-B-015
16	37-B-016



Title:

REACTOR COOLANT PUMP 1A

Date: 3/15/83

Zone: 37

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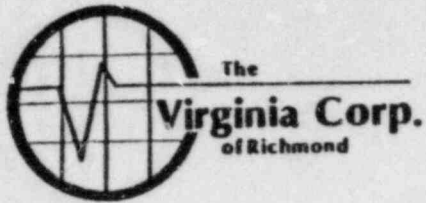


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 38Date: 3/15/83Revision: 5REACTOR COOLANT PUMP 15

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
38-001	PUMP CASING UPPER SCROLL WELD	B-L-1	*VOL. & *SURF.	ISI-3.1	N/A
38-002	PUMP CASING LOWER SCROLL WELD	↓	↓	↓	↓
38-003	O.D. & I.D. SUPPORT SKIRT TO PUMP CASING WELD	B-K-1	SURFACE	↓	↓
38-004	PUMP SUPPORT STRUCTURE	B-K-2	N/A	N/A	↓
38-005	PUMP CASING INTERNAL PRESSURE BOUNDARY SURFACE	B-L-2	↓	↓	↓
38-006	MOTOR FLYWHEEL, ENTIRE FLYWHEEL	REG. GUIDE 1.14	*VOL. & *SURF.	↓	↓
38-007	MOTOR FLYWHEEL, HIGH STRESS REGION AT BORE & KEYWAY	↓	VOL.	ISI-2.9	TEST PIECE
38-S-001	RCP STUD # 1	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
38-S-002	RCP STUD # 2	↓	↓	↓	↓
38-S-003	RCP STUD # 3	↓	↓	↓	↓
38-S-004	RCP STUD # 4	↓	↓	↓	↓
38-S-005	RCP STUD # 5	↓	↓	↓	↓
38-S-006	RCP STUD # 6	↓	↓	↓	↓
38-S-007	RCP STUD # 7	↓	↓	↓	↓

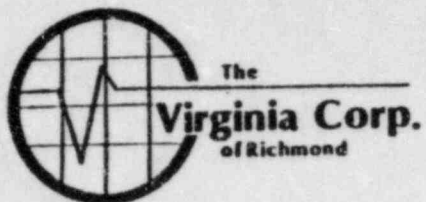
\*PRESERVICE EXAMINATIONS WERE PERFORMED IN THE FABRICATION SHOP BY THE VENDOR.



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 38Date: 3/15/83Revision: 5REACTOR COOLANT PUMP 1B

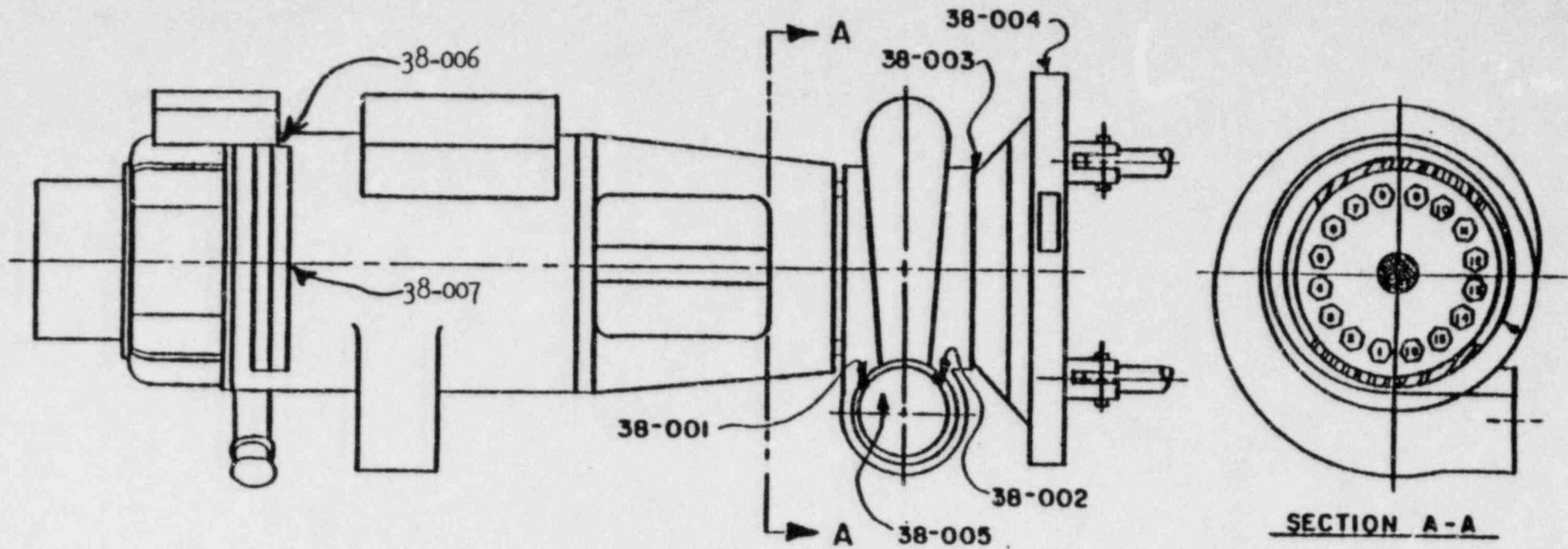
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
38-S-008	RCP STUD # 8	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
38-S-009	RCP STUD # 9				
38-S-010	RCP STUD # 10				
38-S-011	RCP STUD # 11				
38-S-012	RCP STUD # 12				
38-S-013	RCP STUD # 13				
38-S-014	RCP STUD # 14				
38-S-015	RCP STUD # 15				
38-S-016	RCP STUD # 16				
38-N-001	RCP BOLTING # 1		VT-1	N/A	N/A
38-N-002	RCP BOLTING # 2				
38-N-003	RCP BOLTING # 3				
38-N-004	RCP BOLTING # 4				
38-N-005	RCP BOLTING # 5				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light  
REACTOR COOLANT PUMP 1B

Zone: 38Date: 3/15/83Revision: 5

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
38-N-006	RCP BOLTING # 6	B-G-1	VT-1	N/A	N/A
38-N-007	RCP BOLTING # 7				
38-N-008	RCP BOLTING # 8				
38-N-009	RCP BOLTING # 9				
38-N-010	RCP BOLTING # 10				
38-N-011	RCP BOLTING # 11				
38-N-012	RCP BOLTING # 12				
38-N-013	RCP BOLTING # 13				
38-N-014	RCP BOLTING # 14				
38-N-015	RCP BOLTING # 15				
38-N-016	RCP BOLTING # 16				



STUD DESIGNATION

1	38-S-001
2	38-S-002
3	38-S-003
4	38-S-004
5	38-S-005
6	38-S-006
7	38-S-007
8	38-S-008
9	38-S-009
10	38-S-010
11	38-S-011
12	38-S-012
13	38-S-013
14	38-S-014
15	38-S-015
16	38-S-016

BOLTING DESIGNATION

1	38-B-001
2	38-B-002
3	38-B-003
4	38-B-004
5	38-B-005
6	38-B-006
7	38-B-007
8	38-B-008
9	38-B-009
10	38-B-010
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12	38-B-012
13	38-B-013
14	38-B-014
15	38-B-015
16	38-B-016



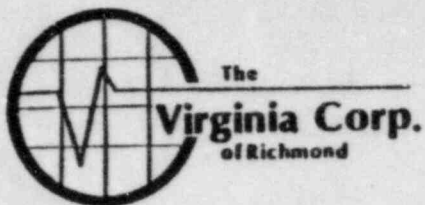
Title:

REACTOR COOLANT PUMP 1B

Date: 3/15/83

Zone: 38

Revision: 5

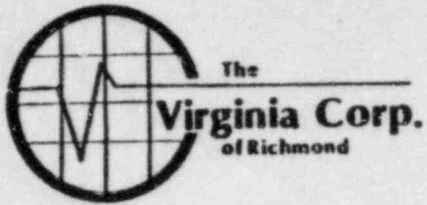


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 39Date: 3/15/83Revision: 5REACTOR COOLANT PUMP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
39-001	PUMP CASING UPPER SCROLL WELD	B-L-1	*VOL. & *SURF.	ISI-3.1	N/A
39-002	PUMP CASING LOWER SCROLL WELD	↓	↓	↓	↓
39-003	O.D. & I.D. SUPPORT SKIRT TO PUMP CASING WELD	B-K-1	SURFACE	↓	↓
39-004	PUMP SKIRT STRUCTURE	B-K-2	N/A	N/A	↓
39-005	PUMP CASING INTERNAL PRESSURE BOUNDARY SURFACE	B-L-2	↓	↓	↓
39-006	MOTOR FLYWHEEL, ENTIRE WHEEL	REG. GUIDE 1.14	*VOL. & *SURF.	↓	↓
39-007	MOTOR FLYWHEEL, HIGH STRESS REGION AT BORE & KEYWAY	↓	VOL.	ISI-2.9	TEST PIECE
39-S-001	RCP STUD # 1	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
39-S-002	RCP STUD # 2	↓	↓	↓	↓
39-S-003	RCP STUD # 3	↓	↓	↓	↓
39-S-004	RCP STUD # 4	↓	↓	↓	↓
39-S-005	RCP STUD # 5	↓	↓	↓	↓
39-S-006	RCP STUD # 6	↓	↓	↓	↓
39-S-007	RCP STUD # 7	↓	↓	↓	↓

\*PRESERVICE EXAMINATIONS WERE PERFORMED IN THE FABRICATION SHOP BY THE VENDOR.

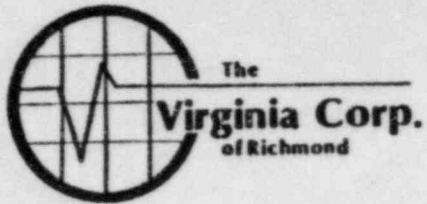


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 39  
Date: 3/15/83  
Revision: 5

REACTOR COOLANT PUMP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
39-S-008	RCP STUD # 8	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
39-S-009	RCP STUD # 9				
39-S-010	RCP STUD # 10				
39-S-011	RCP STUD # 11				
39-S-012	RCP STUD # 12				
39-S-013	RCP STUD # 13				
39-S-014	RCP STUD # 14				
39-S-015	RCP STUD # 15				
39-S-016	RCP STUD # 16				
39-N-001	RCP BOLTING # 1		VT-1	N/A	N/A
39-N-002	RCP BOLTING # 2				
39-N-003	RCP BOLTING # 3				
39-N-004	RCP BOLTING # 4				
39-N-005	RCP BOLTING # 5				

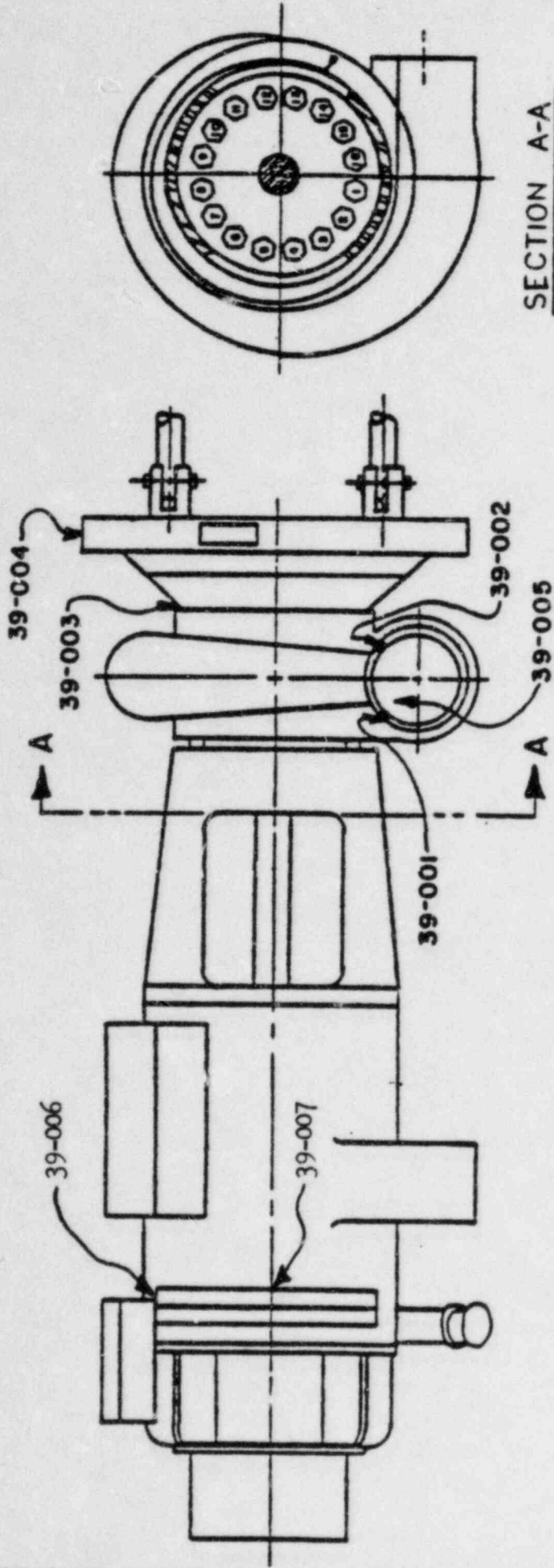


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Louisiana Power & Light

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REACTOR COOLANT PUMP 2A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
39-N-006	RCP BOLTING # 6	B-G-1	VT-1	N/A	N/A
39-N-007	RCP BOLTING # 7				
39-N-008	RCP BOLTING # 8				
39-N-009	RCP BOLTING # 9				
39-N-010	RCP BOLTING # 10				
39-N-011	RCP BOLTING # 11				
39-N-012	RCP BOLTING # 12				
39-N-013	RCP BOLTING # 13				
39-N-014	RCP BOLTING # 14				
39-N-015	RCP BOLTING # 15				
39-N-016	RCP BOLTING # 16				



STUD DESIGNATION

1	37-B-001
2	37-B-001
3	37-B-001
4	37-B-001
5	37-B-001
6	37-B-001
7	37-B-001
8	37-B-001
9	37-B-001
10	37-B-001
11	37-B-001
12	37-B-001
13	37-B-001
14	37-B-001
15	37-B-001
16	37-B-001

BOLTING DESIGNATION

1	37-B-001
2	37-B-001
3	37-B-001
4	37-B-001
5	37-B-001
6	37-B-001
7	37-B-001
8	37-B-001
9	37-B-001
10	37-B-001
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13	37-B-001
14	37-B-001
15	37-B-001
16	37-B-001



Title:

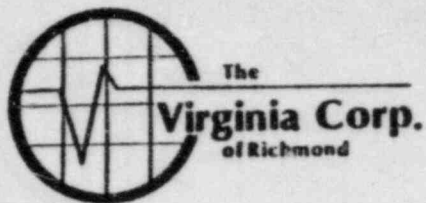
REACTOR COOLANT PUMP 2A

Date: 3/15/83

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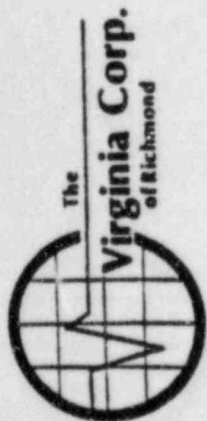
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 40Date: 3/15/83Revision: 5

## REACTOR COOLANT PUMP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
40-001	PUMP CASING UPPER SCROLL WELD	B-L-1	*VOL. &*SURF.	ISI-3.1	N/A
40-002	PUMP CASING LOWER SCROL WELD	↓	↓	↓	↓
40-003	SUPPORT SKIRT TO PUMP CASING WELD	B-K-1	SURFACE	↓	↓
40-004	PUMP SUPPORT STRUCTURE	B-K-2	N/A	N/A	↓
40-005	PUMP CASING INTERNAL PRESSURE BOUNDARY SURFACE	B-L-2	↓	↓	↓
40-006	MOTOR FLYWHEEL, ENTIRE FLYWHEEL	REG. GUIDE 1.14	*VOL. &*SURF.	↓	↓
40-007	MOTOR FLYWHEEL, HIGH STRESS REGION AT BORE & KEYWAY	↓	VOL.	ISI-2.9	TEST PIECE
40-S-001	RCP STUD # 1	B-G-1	VOL. & *SURF.	ISI-2.4	UT-134
40-S-002	RCP STUD # 2				
40-S-003	RCP STUD # 3				
40-S-004	RCP STUD # 4				
40-S-005	RCP STUD # 5				
40-S-006	RCP STUD # 6				
40-S-007	RCP STUD # 7	↓	↓	↓	↓

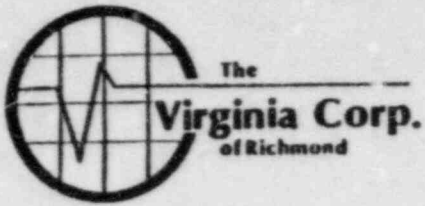
\*PRESERVICE EXAMINATIONS WERE PERFORMED IN THE FABRICATION SHOP BY THE VENDOR.



PROGRAM PLAN  
 Waterford III  
 EBASCO Services Inc.  
 Louisiana Power & Light  
 REACTOR COOLANT PUMP 2B

Zone: 40  
 Date: 3/15/83  
 Revision: 5

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
40-S-008	RCP STUD # 8	B-G-1	Vol. & *SURF.	ISI-2.4	UT-134
40-S-009	RCP STUD # 9				
40-S-010	RCP STUD # 10				
40-S-011	RCP STUD # 11				
40-S-012	RCP STUD # 12				
40-S-013	RCP STUD # 13				
40-S-014	RCP STUD # 14				
40-S-015	RCP STUD # 15				
40-S-016	RCP STUD # 16				
40-N-001	RCP BOLTING # 1		VT-1	N/A	N/A
40-N-002	RCP BOLTING # 2				
40-N-003	RCP BOLTING # 3				
40-N-004	RCP BOLTING # 4				
40-N-005	RCP BOLTING # 5				

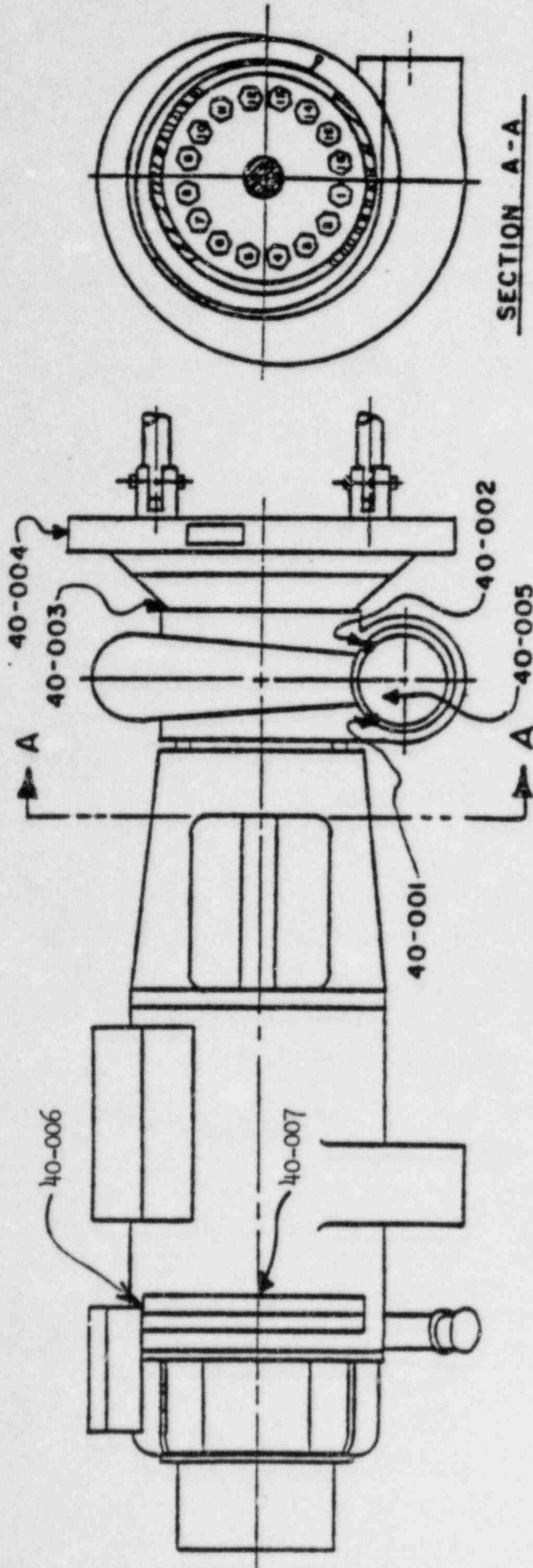


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 40  
Date: 3/15/83  
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REACTOR COOLANT PUMP 2B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
40-N-006	RCP BOLTING # 6	B-G-1	VT-1	N/A	N/A
40-N-007	RCP BOLTING # 7				
40-N-008	RCP BOLTING # 8				
40-N-009	RCP BOLTING # 9				
40-N-010	RCP BOLTING # 10				
40-N-011	RCP BOLTING # 11				
40-N-012	RCP BOLTING # 12				
40-N-013	RCP BOLTING # 13				
40-N-014	RCP BOLTING # 14				
40-N-015	RCP BOLTING # 15				
40-N-016	RCP BOLTING # 16				



SECTION A-A

BOLTING DESIGNATION

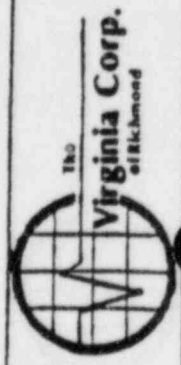
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2	40-B-002
3	40-B-003
4	40-B-004
5	40-B-005
6	40-B-006
7	40-B-007
8	40-B-008
9	40-B-009
10	40-B-010
11	40-B-011
12	40-B-012
13	40-B-013
14	40-B-014
15	40-B-015
16	40-B-016

STUD DESIGNATION

1	40-S-001
2	40-S-002
3	40-S-003
4	40-S-004
5	40-S-005
6	40-S-006
7	40-S-007
8	40-S-008
9	40-S-009
10	40-S-010
11	40-S-011
12	40-S-012
13	40-S-013
14	40-S-014
15	40-S-015
16	40-S-016

Date: 3/15/83  
 Zone: 40  
 Revision: 5

Title: REACTOR COOLANT PUMP 2B



A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



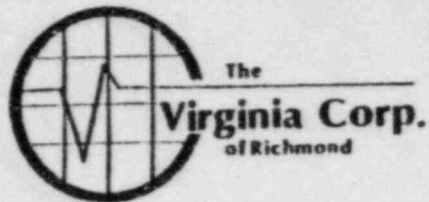
**TITLE**

Main Steam Header "A"  
Inside Containment

**DATE:** 3/15/83

**ZONE:** 41

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 41  
Date: 3/15/83  
Revision: 5

MAIN STEAM HEADER A - INSIDE CONTAINMENT

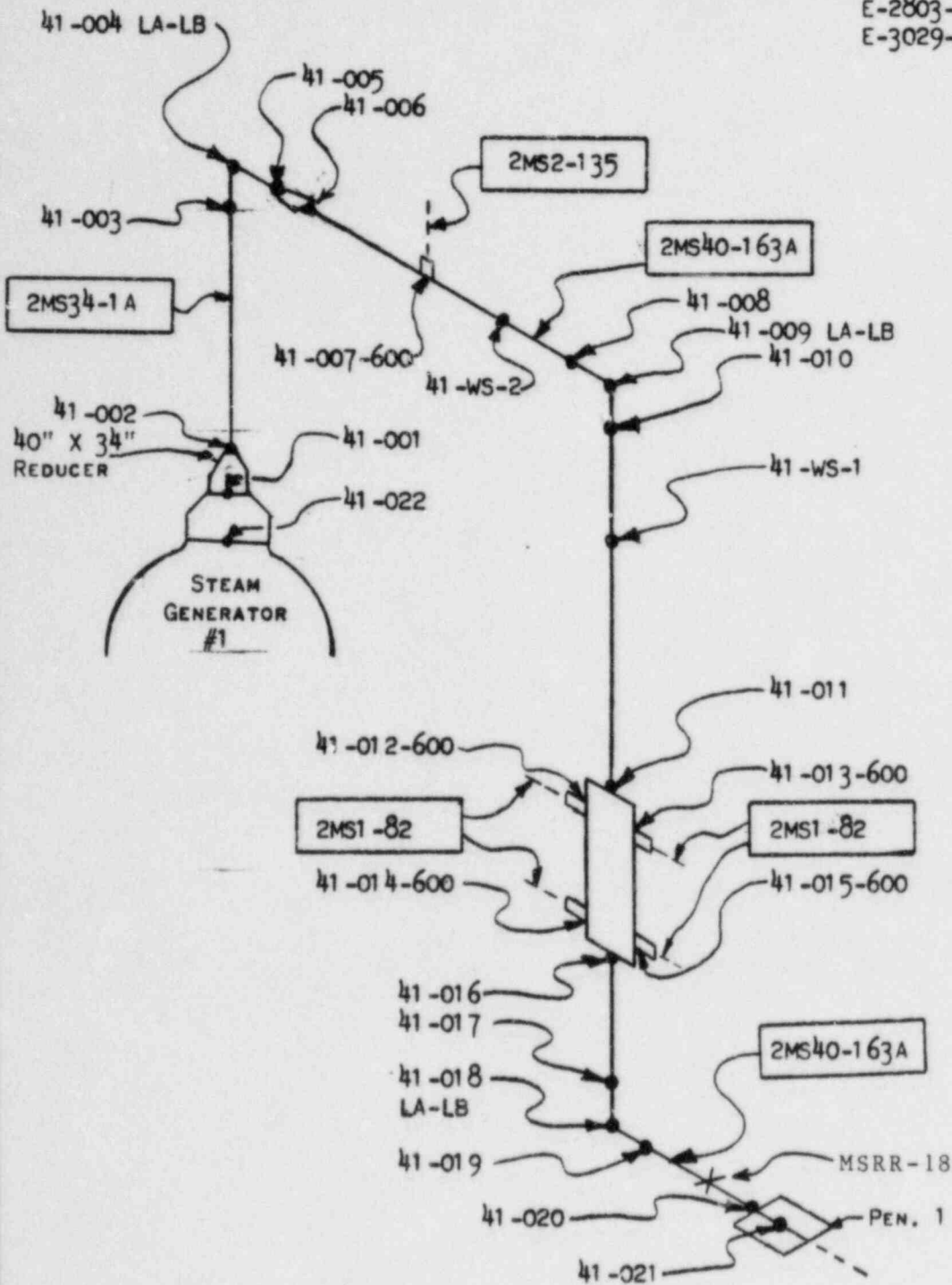
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
41-001	S.G. NOZZLE EXT. PC. TO 40" X 34" RED. WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
41-002	40" X 34" RED TO 34" PIPE WELD				UT-126
41-003	34" PIPE TO RLL WELD				
41-004-LA	34" ELL LONG SEAM - LONG WELD				
41-004-LB	34" ELL LONG SEAM - SHORT WELD				
41-005	ELL TO 40" X 34" RED WELD				↓
41-006	40" X 34" RED TO 40" PIPE WELD				UT-127
41-007-600	2MS2-135 FROM 2MS40-163A TO VALVE 2MS-V668-1		EXEMPT IWC-1220 (c)	N/A	N/A
41-008	40" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
41-009-LA	40" ELL LONG SEAM - LONG WELD				
41-009-LB	40" ELL LONG SEAM - SHORT WELD				
41-010	40" ELL TO PIPE WELD				↓
41-WS-1	4 LUGS WELDED TO 40" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
41-011	40" PIPE TO VENTURI WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 41Date: 3/15/83Revision: 5MAIN STEAM HEADER A - INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
41-012-600	2MS1-82 FROM 2MS40-163A TO VALVE 2MS-V636-1	C-F	EXEMPT IWC-1220 (c)	N/A	N/A
41-013-600	2MS1-82 FROM 2MS40-163A TO VALVE 2MS-V636-3				
41-014-600	2MS1-82 FROM 2MS40-163A TO VALVE 2MS-V636-2				
41-015-600	2MS1-82 FROM 2MS40-163A TO VALVE 2MS-V636-4				
41-016	VENTURI TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
41-017	40" PIPE TO ELL WELD				
41-018-LA	40" ELL LONGSEAM- LONG WELD				
41-018-LB	40" ELL LONG SEAM - SHORT WELD				
41-019	ELL TO 40" PIPE WELD				
41-020	40" PIPE TO CONTAINMENT PENE- TRATION - OUTER WELD				
41-021	40" PIPE TO CONTAINMENT PENE- TRATION - INNER WELD				
41-WS-2	2" DIA. PIPE SUPPORT TO 40" PIPE WELD	C-C	VT-1	N/A	N/A
41-022	S.G. NOZZLE TO NOZZLE EXT. PC. WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127



Continued on  
Zone 43

SHEET 1 OF 1



TITLE

MAIN STEAM HEADER A - INSIDE  
CONTAINMENT

DATE: 3-15-83

ZONE: 41

REVISION: 5



A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



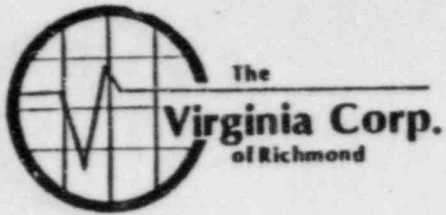
**TITLE**

Main Steam Header "B"  
Inside Containment

**DATE:** 3/15/83

**ZONE:** 42

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 42Date: 3/15/83Revision: 5

## MAIN STEAM HEADER B INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
42-001	S.G. NOZZLE EXT. PC. TO 40" X 34" RED. WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
42-002	40" X 34" RED TO 34" PIPE WELD				UT-126
42-003	34" PIPE TO ELL WELD				
42-004-LA	34" ELL LONG SEAM - LONG WELD				
42-004-LB	34" ELL LONG SEAM - SHORT WELD				
42-005	34" ELL TO 40" X 34" RED WELD				
42-006	40" X 34" RED TO PIPE WELD				UT-127
42-007-600	2MS2-135 FROM 2MS40-165B TO VALVE 2MS-V667		EXEMPT IWC-1220 (c)	N/A	N/A
42-WS-2	2" DIA. PIPE SUPPORT TO 40" PIPE WELD	C-C	VT-1		
42-008	40" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
42-009-LA	40" ELL LONG SEAM - LONG WELD				
42-009-LB	40" ELL LONG SEAM - SHORT WELD				
42-010	ELL TO 40" PIPE WELD				
42-WS-1	4 LUGS WELDED TO 40" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

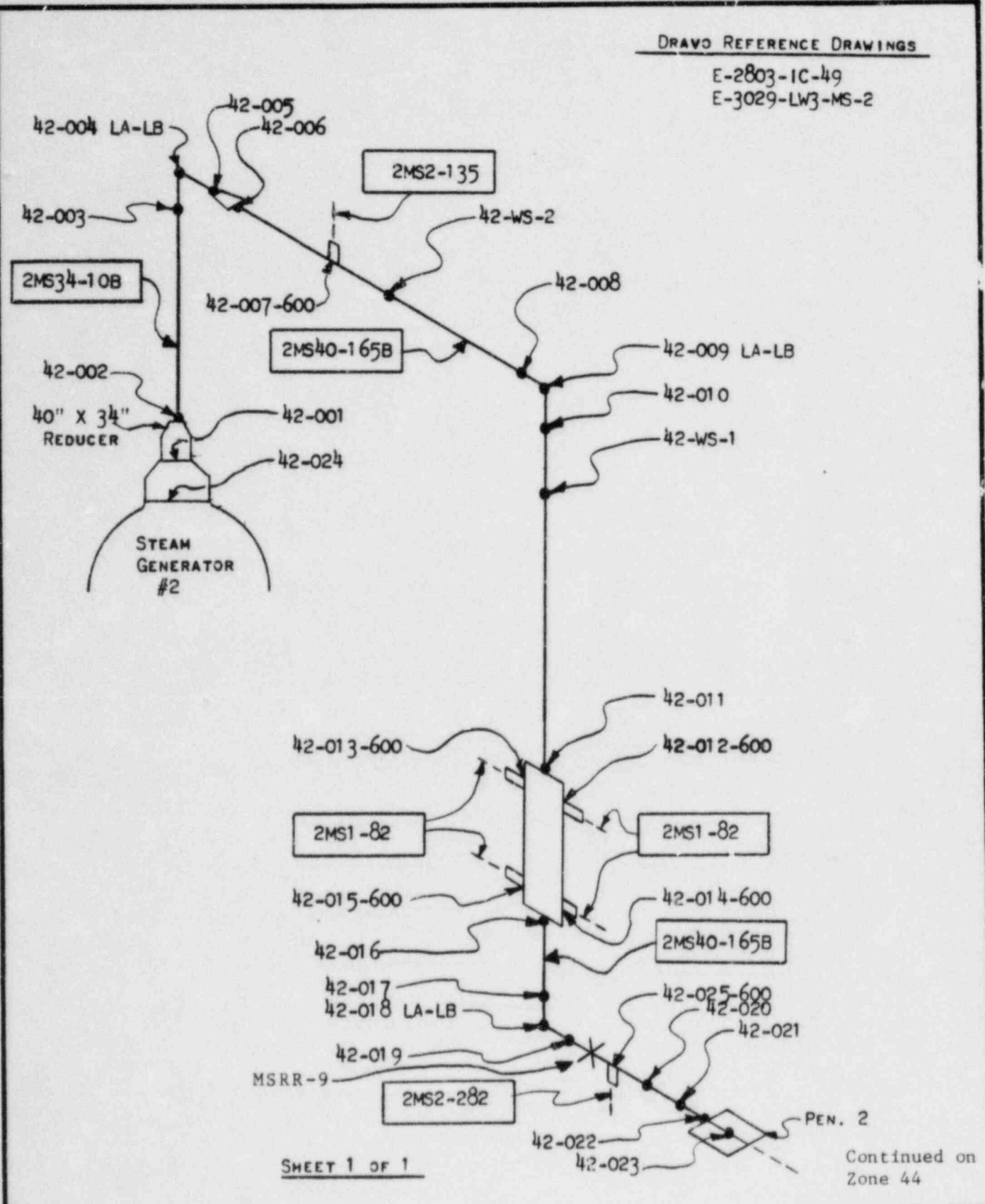
Zone: 42Date: 3/15/83Revision: 5MAIN STEAM HEADER B + INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
42-011	40" PIPE TO VENTURI WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
42-012-600	2MS1-82 FROM 2MS40-165B TO VALVE 2MS-636-7		EXEMPT IWC-1220 (c)	N/A	N/A
42-013-600	2MS1-82 FROM 2MS40-165B TO VALVE 2MS-636-5				
42-014-600	2MS1-82 FROM 2MS40-165B TO VALVE 2MS-636-8				
42-015-600	2MS1-82 FROM 2MS40-165B TO VALVE 2MS-636-6				
42-016	VENTURI TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
42-017	40" PIPE TO ELL WELD				
42-018-LA	40" ELL LONG SEAM - LONG WELD				
42-018-LB	40" ELL LONG SEAM - SHORT WELD				
42-019	ELL TO 40" PIPE WELD				
42-020	40" PIPE TO PIPE WELD				
42-021	40" PIPE TO PIPE WELD				
42-022	40" PIPE TO CONTAINMENT PENETRA- TION - OUTER WELD				
42-023	40" PIPE TO CONTAINMENT PENETFA- TION - INNER WELD				



DRAWING REFERENCE DRAWINGS

E-2803-1C-49  
E-3029-LW3-MS-2



SHEET 1 OF 1

Continued on  
Zone 44



TITLE

MAIN STEAM HEADER - B - INSIDE  
CONTAINMENT

DATE: 3-15-83

ZONE: 42

REVISION: 5

A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
**Virginia Corp.**  
of Richmond

**TITLE**

Main Steam Header "A"  
Outside Containment

**DATE:** 3-15-83

**ZONE:** 43

**REVISION:** 5



**PROGRAM PLAN**  
**Waterford III**  
**EBASCO Services Inc.**  
**Louisiana Power & Light**

Zone: 43Date: 3/15/83Revision: 5MAIN STEAM HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-001	40" PIPE TO CONTAINMENT PENETRATION - OUTSIDE	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
43-002	40" PIPE TO ELL WELD		↓		↓
43-003LA	40" ELL LONG. SEAM-LONG WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
43-003LA-002	40" ELL LONG. SEAM-LONG WELD		SURFACE	ISI-3.1 OR 4.3	N/A
43-003LA-004	40" ELL LONG. SEAM-LONG WELD		↓	↓	↓
43-003LB	40" ELL LONG. SEAM-SHORT WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127
43-003LB-002	40" ELL LONG. SEAM-SHORT WELD		SURFACE	ISI-3.1 OR 4.3	N/A
43-003LB-004	40" ELL LONG. SEAM-SHORT WELD		↓	↓	↓
43-WS-4	WELDED SUPPORT	C-C	↓	↓	↓
43-004	ELL TO 40" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127 & UT-128
43-005LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-128
43-005LA-004	40" PIPE LONG. WELD		SURFACE	ISI-3.1 OR 4.3	N/A
43-005LA-020	40" PIPE LONG, WELD		↓	↓	↓
43-006	8" FLANGE ASSEMBLY TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-130

\*NOTE A : " PER SRP 6.6 &amp; BRANCH TECHNICAL POSITION ASB 3-1"



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 43Date: 3/15/83Revision: 5

MAIN STEAM HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-007	8" FLANGE	N/A	N/A	N/A	N/A
43-011	RELIEF VALVE 2MS-R613A	↓	↓	↓	↓
43-012-600	2MS1-133 FROM 2MS40-5A TO VALVE 2MS-V665-1	C-F	EXEMPT IWC-1220 (c)	↓	↓
43-013	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-130
43-014	8" FLANGE	N/A	N/A	N/A	N/A
43-018	RELIEF VALVE 2MS-R614A	↓	↓	↓	↓
43-019-600	2MS1-133 FROM 2MS40-5A TO VALVE 2MS-V665-2	C-F	EXEMPT IWC-1220 (c)	↓	↓
43-020	40" PIPE TO PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-128
43-021 LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
43-021 LA-020	40" PIPE LONG. WELD		SURFACE	ISI-3.1 OR 4.3	N/A
43-021 LA-035	40" PIPE LONG. WELD		↓	↓	↓
43-022	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-130
43-023	8" FLANGE	N/A	N/A	N/A	N/A
43-027	RELIEF VALVE 2MS-R615A	↓	↓	↓	↓





**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-028-600	2MS1-124A FROM 2MS40-5A TO VALVE 2MS-V665-3	C-F	EXEMPT IWC-1220 (c)	N/A	N/A
43-029	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-130
43-030	8" FLANGE	N/A	N/A	N/A	N/A
43-034	RELIEF VALVE 2MS-R616A	↓	↓	↓	↓
43-WS-1	WELDED SUPPORT	C-C	SURFACE	ISI-3.1 OR 4.3	↓
43-035	40" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-128
43-036LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
43-036LA-035	40" PIPE LONG WELD		SURFACE	ISI-3.1 OR 4.3	N/A
43-036LA-048	40" PIPE LONG. WELD		↓	↓	↓
43-037	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-130
43-038	8" FLANGE	N/A	N/A	N/A	N/A
43-042	RELIEF VALVE 2MS-R617A	↓	↓	↓	↓
43-043	6" SCH 40 PIPE TO 40" PIPE WELD	C-F	SURFACE	ISI-3.1 OR 4.3	↓
43-044	6" SCH 40 PIPE TO VALVE END WELD	↓	↓	↓	↓

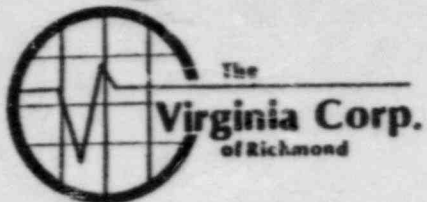
Corp.  
Richardson

PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 43Date: 3/15/83Revision: 5

MAIN STEAM HEADER A - OUTSIDE CONTAINMENT

Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-045	GATE VALVE 2MS-V611A	N/A	N/A	N/A	N/A
43-048	40" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-128
43-049LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
43-049LA-048	40" PIPE LONG. WELD		SURFACE	ISI-3.1 or 4.3	N/A
43-049LA-079	40" PIPE LONG. WELD		↓	↓	↓
43-050	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-130
43-051	8" FLANGE	N/A	N/A	N/A	N/A
43-055	RELIEF VALVE 2MS-R618A	↓	↓	↓	↓
43-056	12" SCH 60 PIPE TO 40" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-131
43-057-600	2MS1-133 FROM 2MS12-36A TO VALVE 2MS-V665-4		EXEMPT IWC-1220 (c)	N/A	N/A
43-058-600	2MS1-133 FROM 2MS12-36A TO VALVE 2MS-V665-5		↓	↓	↓
43-059-600	2MS2-126 FROM 2MS12-36A TO VALVE 2MS-V670		↓	↓	↓
43-060	12" SCH 160 PIPE TO CAP WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-131
43-061-600	2MS2-127 FROM 2MS12-36A TO CLASS 2 BOUNDARY	↓	EXEMPT IWC-1220 (c)	N/A	N/A



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 43

Date: 3/15/83

Revision: 5

## MAIN STEAM HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-062	8" SCH 120 PIPE TO 40" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-118
43-063	8" SCH 120 PIPE TO 8" X 6" RED. WELD	↓	↓	↓	↓
43-064	8" X 6" RED. TO 6" VALVE END WELD	↓	SURFACE	ISI-3.1 OR 4.3	N/A
43-065	GATE VALVE 2MS-V609A	N/A	N/A	N/A	↓
43-066	6" GATE VALVE TO 6" X 8" RED. WELD	C-F	SURFACE	ISI-3.1 OR 4.3	↓
43-067	8" X 6" RED. TO 8" SCH 120 PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-118
43-068	8" SCH 120 PIPE TO ELL WELD	↓	↓	↓	↓
43-069	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
43-070	8" SCH 120 PIPE TO VALVE END WELD	↓	↓	↓	↓
43-071	STEAM DUMP VALVE 2MS-PM629A	N/A	N/A	N/A	N/A
43-WS-2	WELDED SUPPORT	C-C	SURFACE	ISI-3.1 OR 4.3	↓
43-079	40" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127 & UT-128
43-080LA	40" ELL LONG. SEAM-SHORT WELD	↓	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127
43-080LA-079	40" ELL LONG. SEAM-SHORT WELD	↓	SURFACE	ISI-3.1 OR 4.3	N/A



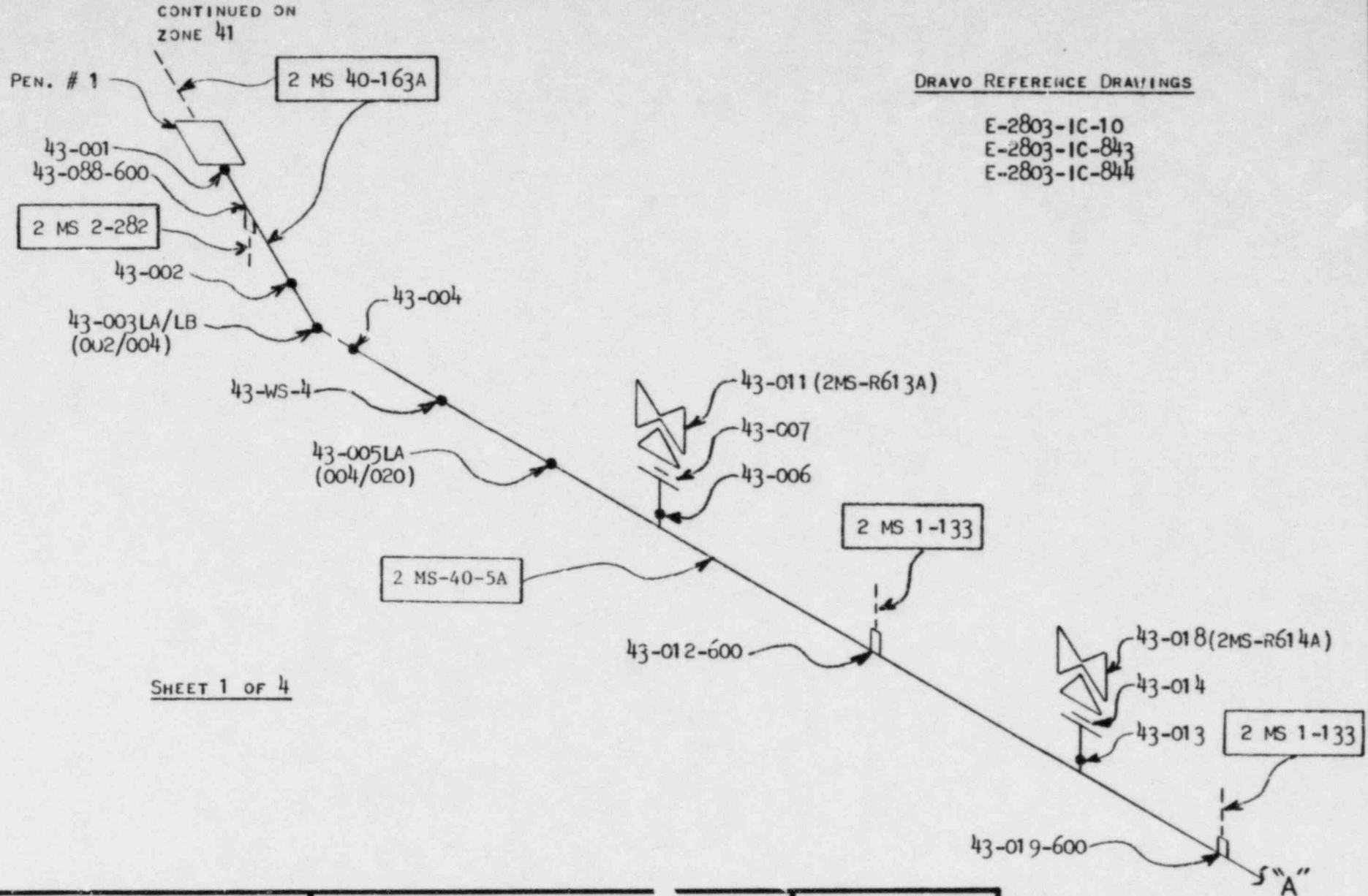
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 43Date: 3/15/83Revision: 5MAIN STEAM HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
43-080LA-081	40" ELL LONG SEAM-SHORT WELD	C-F	SURFACE	ISI-3.1OR4.3	N/A
43-080LB	40" ELL LONG SEAM-LONG WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127
43-080LB-079	40" ELL LONG. SEAM-LONG WELD		SURFACE	ISI-3.1OR4.3	N/A
43-080LB-081	40" ELL LONG. SEAM-LONG WELD		↓	↓	↓
43-081	ELL TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-127
43-WS-3	WELDED SUPPORT	C-C	SURFACE	ISI-3.1OR4.3	N/A
43-082	40" PIPE TO VALVE END WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-127
43-083	40" VALVE LOWER BODY WELD	C-G	SURFACE	ISI-3.1OR4.3	N/A
43-084	40" VALVE UPPER BODY WELD	↓	↓	↓	↓
43-085	40" GATE VALVE 2MS-V602A	N/A	N/A	N/A	
43-086	6" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1OR4.3	
43-087-600	2MS2-289 FROM 2MS40-163A TO CLASS 2 BOUNDARY		EXEMPT IWC-1220 (c)	N/A	
43-088-600	2MS2-282 FROM 2MS40-163A TO VALVE 2MS-V754-1		↓	↓	↓
43-089	40" PIPE TO VALVE END WELD	↓	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127

DRACO REFERENCE DRAWINGS

E-2803-IC-10  
E-2803-IC-843  
E-2803-IC-844

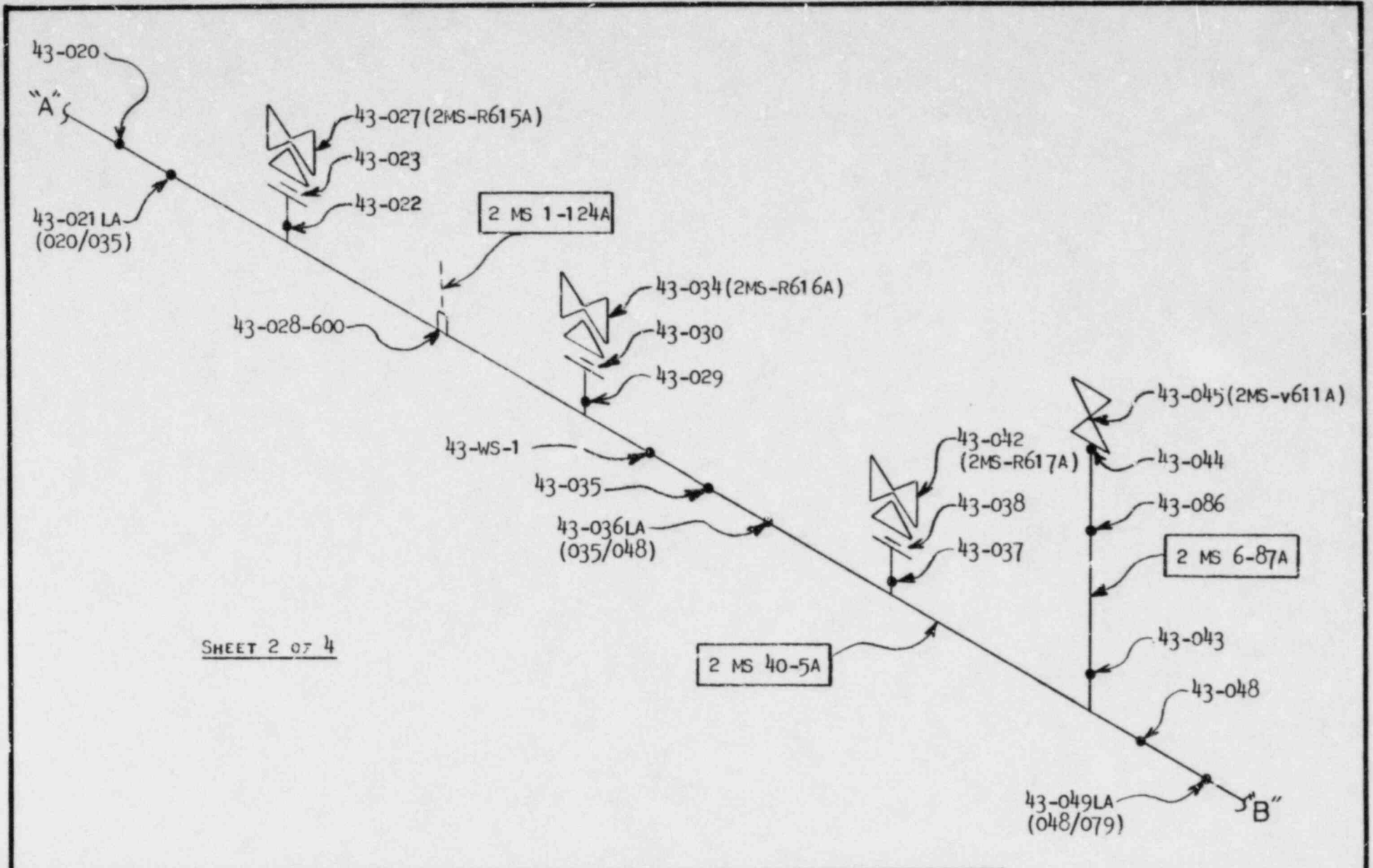


SHEET 1 OF 4

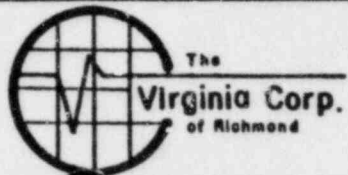


**TITLE:**  
MAIN STEAM HEADER A  
OUTSIDE CONTAINMENT

**DATE:** 3-15-83  
**ZONE:** 43  
**REVISION:** 5



SHEET 2 OF 4



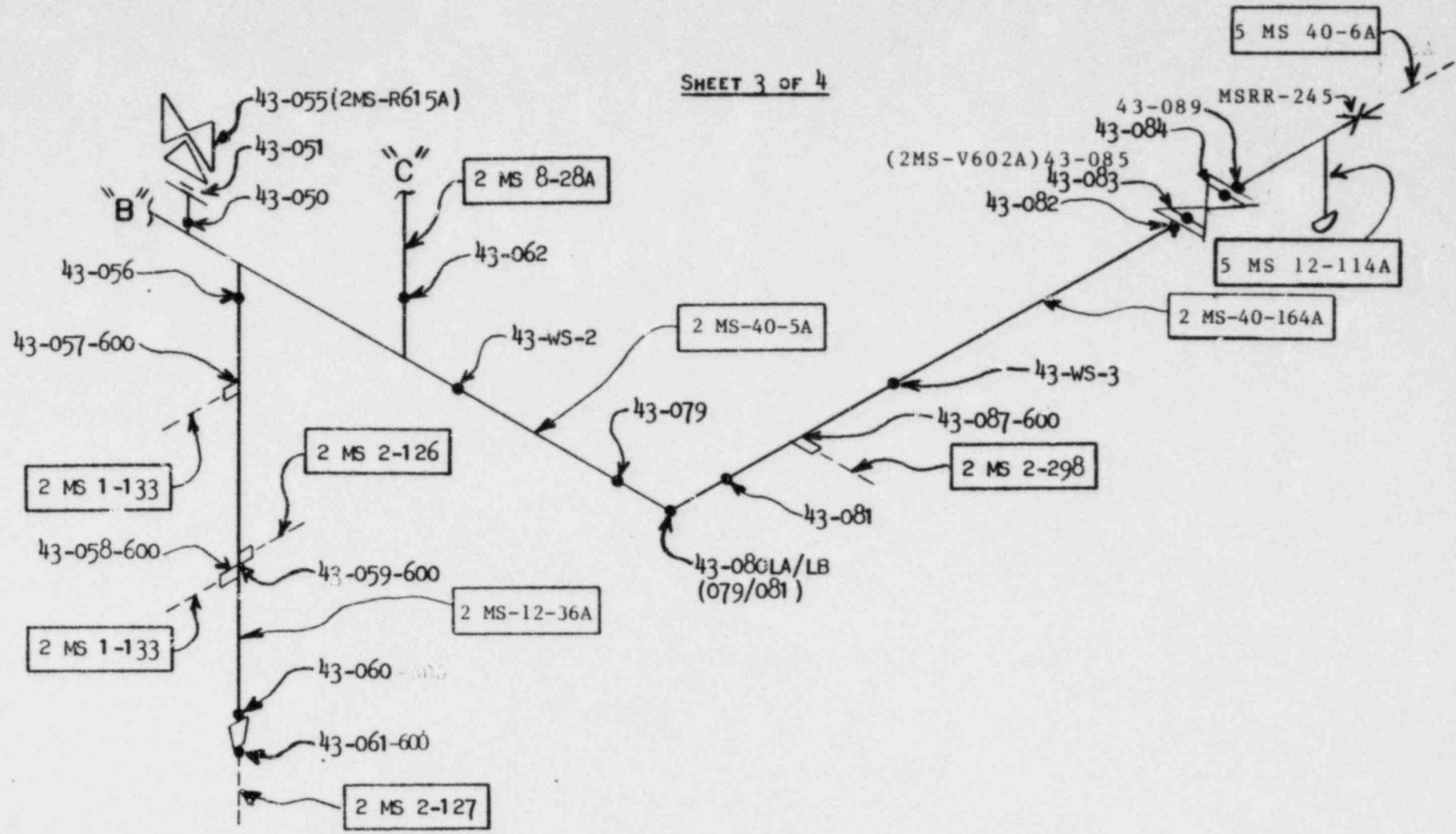
TITLE: MAIN STEAM HEADER A  
OUTSIDE CONTAINMENT

DATE: 3-15-83

ZONE: 43

REVISION: 5

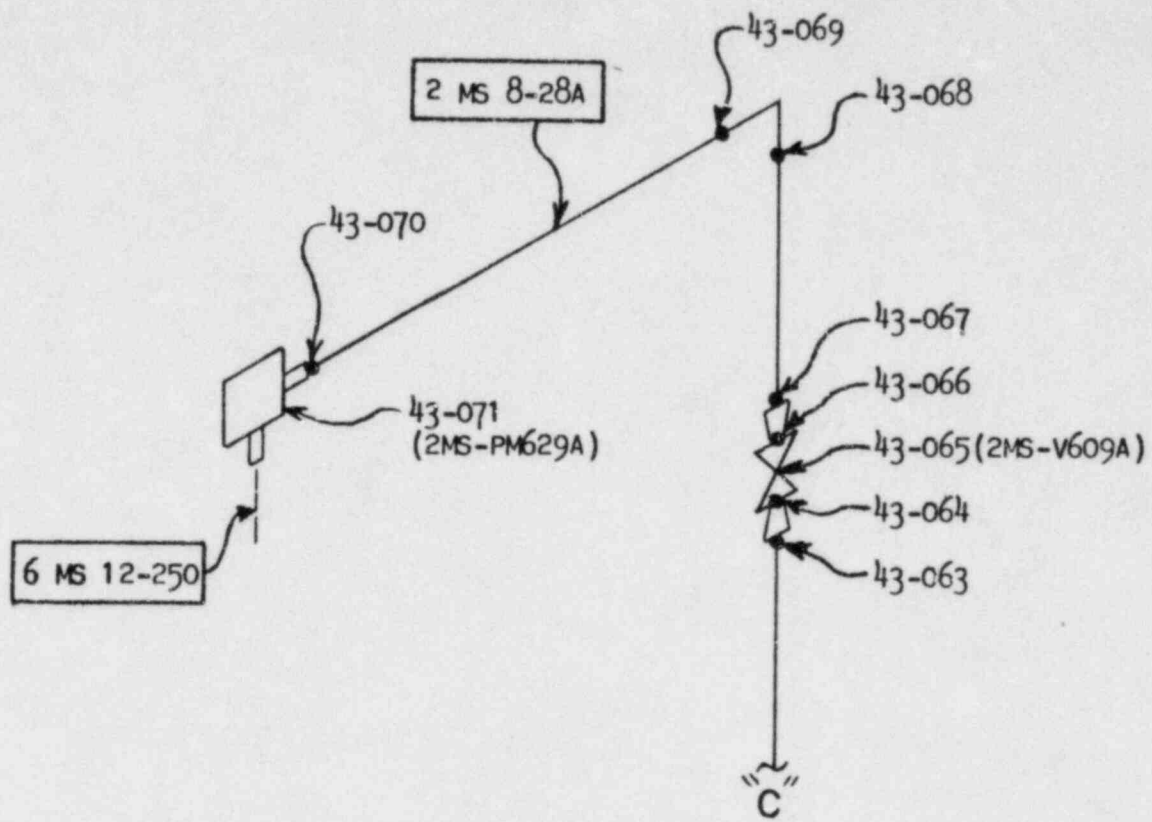
SHEET 3 OF 4



TITLE:  
 MAIN STEAM HEADER A  
 OUTSIDE CONTAINMENT

DATE: 3-15-83  
 ZONE: 43  
 REVISION: 5

SHEET 4 OF 4



TITLE: MAIN STEAM HEADER A  
OUTSIDE CONTAINMENT

DATE: 3-15-83  
ZONE: 43  
REVISION: 5



A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



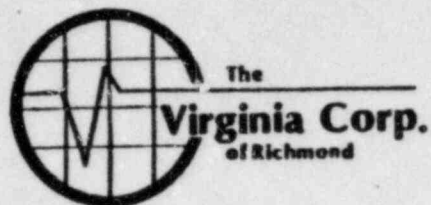
**TITLE**

Main Steam Header "B"  
Outside Containment

**DATE:** 3/15/83

**ZONE:** 44

**REVISION:** 5



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5MAIN STEAM HEADER - B OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-001	CONTAINMENT PENETRATION TO 40" PIPE WELD - OUTSIDE	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
44-002-600	TE MS 301 FROM 2MS40-165B TO CLASS 2 BOUNDARY		EXEMPT IWC-1220 (c)	N/A	N/A
44-003	40" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
44-004LA	40" ELL LONG. SEAM-LONG WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
44-004LA-003	40" ELL LONG. SEAM-LONG WELD		SURFACE	ISI-3.1 OR 4.3	N/A
44-004LA-005	40" ELL LONG. SEAM-LONG WELD		↓	↓	↓
44-004LB	40" ELL LONG. SEAM-SHORT WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127
44-004LB-003	40" ELL LONG. SEAM-SHORT WELD		SURFACE	ISI-3.1 OR 4.3	N/A
44-004LB-005	40" ELL LONG. SEAM-SHORT WELD		↓	↓	↓
44-005	40" ELL TO PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-127
44-006LA	40" ELL LONG. SEAM-LONG WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
44-006LA-005	40" ELL LONG. SEAM-LONG WELD		SURFACE	ISI-3.1 OR 4.3	N/A
44-006LA-007	40" ELL LONG. SEAM-LONG WELD		↓	↓	↓
44-006LB	40" ELL LONG. SEAM-SHORT WELD	↓	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127

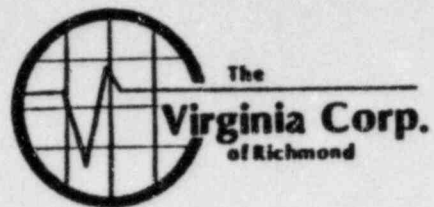
NOTE A: " PER SRP 6.6 &amp; BRANCH TECHNICAL POSITION A-1".



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5MAIN STEAM HEADER B - OUTSIDE CONTAINMENT

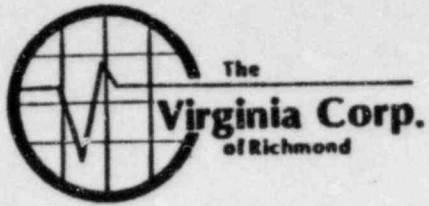
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-006LB-005	40" ELL LONG. SEAM-SHORT WELD	C-F	SURFACE	ISI-3.1 or 4.3	N/A
44-006LB-007	40" ELL LONG. SEAM-SHORT WELD		↓	↓	↓
44-007	40" ELL TO PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-127
44-008	40" PIPE TO PIPE WELD		↓	↓	↓
44-009	40" PIPE TO PIPE WELD		↓	↓	UT-127 & UT-128
44-WS-1	WELDED SUPPORT	C-C	SURFACE	ISI-3.1 or 4.3	N/A
44-010LA	40" PIPE LONG. WELD	C-F	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-128
44-010LA-009	40" PIPE LONG. WELD		SURFACE	ISI-3.1 or 4.3	N/A
44-010LA-025	40" PIPE LONG. WELD		↓	↓	↓
44-011	8" FLANGE ASSEMBLY TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-130
44-012	8" FLANGE	N/A	N/A	N/A	N/A
44-016	RELEIF VALVE 2MS-R619B		↓	↓	↓
44-017-600	2MS1-133 FROM 2MS40-39B TO VALVE 2MS-V655	C-F	EXEMPT IWC-1220 (c)	↓	↓
44-018	8" FLANGE ASSEMBLY TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-130



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5MAIN STEAM HEADER B - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-019	8" FLANGE	N/A	N/A	N/A	N/A
44-023	RELIEF VALVE 2MS-R620B	↓	↓	↓	↓
44-024-600	2MS1-133 FROM 2MS40-39B TO VALVE 2MS-V655-7	C-F	EXEMPT IWC-1220 (c)	↓	↓
44-025	40" PIPE TO PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-128
44-026LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
44-026LA-025	40" PIPE LONG. WELD		SURFACE	ISI-3.1OR4.3	N/A
44-026LA-040	40" PIPE LONG. WELD	↓	↓	↓	↓
44-027	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-130
44-028	8" FLANGE	N/A	N/A	N/A	N/A
44-032	RELIEF VALVE 2MS-R621B	↓	↓	↓	↓
44-033-600	2MS1-125B FROM 2MS40-39B TO VALVE 2MS-V665-5	C-F	EXEMPT IWC-1220 (c)	↓	↓
44-034	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-130
44-035	8" FLANGE	N/A	N/A	N/A	N/A
44-039	RELIEF VALVE 2MS-R622B	↓	↓	↓	↓



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5MAIN STEAM HEADER B - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-040	40" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-128
44-WS-3	WELDED SUPPORT	C-C	SURFACE	ISI-3.1 or 4.3	N/A
44-041 LA	40" PIPE LONG WELD	C-F	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-128
44-041 LA-040	40" PIPE LONG. WELD		SURFACE	ISI-3.1 or 4.3	N/A
44-041 LA-054	40" PIPE LONG. WELD		↓	↓	↓
44-042	8" FLANGE ASSEMBLY TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-130
44-043	8" FLANGE	N/A	N/A	N/A	N/A
44-047	RELIEF VALVE 2MS-R623B		↓	↓	↓
44-048	6" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1 or 4.3	
44-049	6" SCH 40 PIPE TO VALVE END WELD		↓	↓	↓
44-050	GATE VALVE 2MS-V612B	N/A	N/A	N/A	↓
44-054	40" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-128
44-055 LA	40" PIPE LONG. WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	↓
44-055 LA-054	40" PIPE LONG. WELD		SURFACE	ISI-3.1 or 4.3	N/A

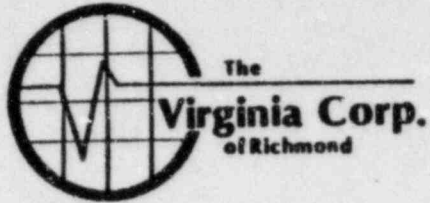


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5

MAIN STEAM HEADER B - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-055LA-085	40" PIPE LONG. WELD	C-F	SURFACE	ISI-3.1 or 4.3	N/A
44-056	8" FLANGE ASSEMBLY TO 40" PIPE WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-130
44-057	8" FLANGE	N/A	N/A	N/A	N/A
44-061	RELIEF VALVE 2MS-R624B	↓	↓	↓	↓
44-062	12" SCH 60 PIPE TO 40" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-131
44-063	12" SCH 60 PIPE TO CAP WELD		↓	↓	↓
44-064-600	2MS2-12 FROM 2MS12-47B CLASS 2 BOUNDARY		EXEMPT IWC-1220 (c)	N/A	N/A
44-065-600	2MS1-133 FROM 2MS12-47B TO VALVE 2MS-V665-9		↓	↓	↓
44-066-600	2MS1-133 FROM 2MS12-47B TO VALVE 2MS-V665-10		↓	↓	↓
44-067-600	2MS2-122 FROM 2MS12-47B TO VALVE 2MS-V663		↓	↓	↓
44-068	8" SCH 120 PIPE TO 40" PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-118
44-069	8" SCH 120 PIPE TO 8" X 6" RED. WELD		↓	↓	↓
44-070	8" X 6" RED. TO 6" VALVE END WELD	↓	SURFACE	ISI-3.1 or 4.3	N/A
44-071	VALVE 2MS-V610B	N/A	N/A	N/A	↓



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 44Date: 3/15/83Revision: 5MAIN STEAM HEADER B - OUTSIDE CONTAINMENT

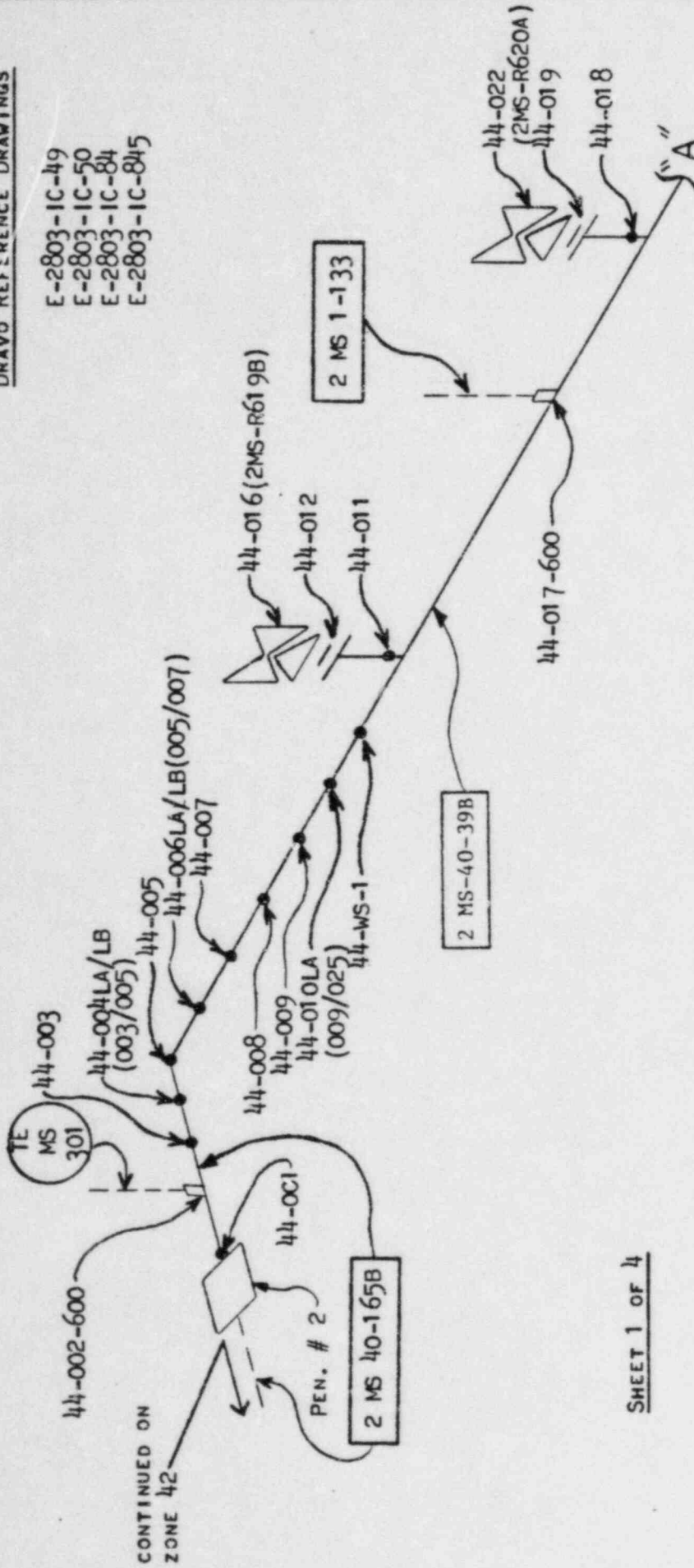
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
44-072	VALVE END TO 6" X 8" RED. WELD	C-F	SURFACE	ISI-3.1OR4.3	N/A
44-073	8" X 6" RED. TO 8" SCH 120 PIPE WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-118
44-074	8" SCH 120 PIPE TO ELL WELD				
44-075	ELL TO 8" SCH 120 PIPE WELD				
44-076	8" SCH 120 PIPE TO VALVE END WELD				
44-077	STEAM DUMP VALVE-2MS-PM630B	N/A	N/A	N/A	N/A
44-WS-2	2 WELDED PIPE SUPPORTS	C-C	SURFACE	ISI-3.1OR4.3	
44-085	40" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1OR4.3	UT-127
44-086LA	40" ELL LONG. SEAM-LONG WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	
44-086LA-085	40" ELL LONG. SEAM-LONG WELD		SURFACE	ISI-3.1OR4.3	N/A
44-086LA-087	40" ELL LONG. SEAM-LONG WELD				
44-086LB	40" ELL LONG. SEAM-SHORT WELD		VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-127
44-086LB-085	40" ELL LONG. SEAM-SHORT WELD		SURFACE	ISI-3.1OR4.3	N/A
44-086LB-087	40" ELL LONG. SEAM-SHORT WELD				





DRAVO REFERENCE DRAWINGS

- E-2803-IC-49
- E-2803-IC-50
- E-2803-IC-84
- E-2803-IC-845



SHEET 1 OF 4



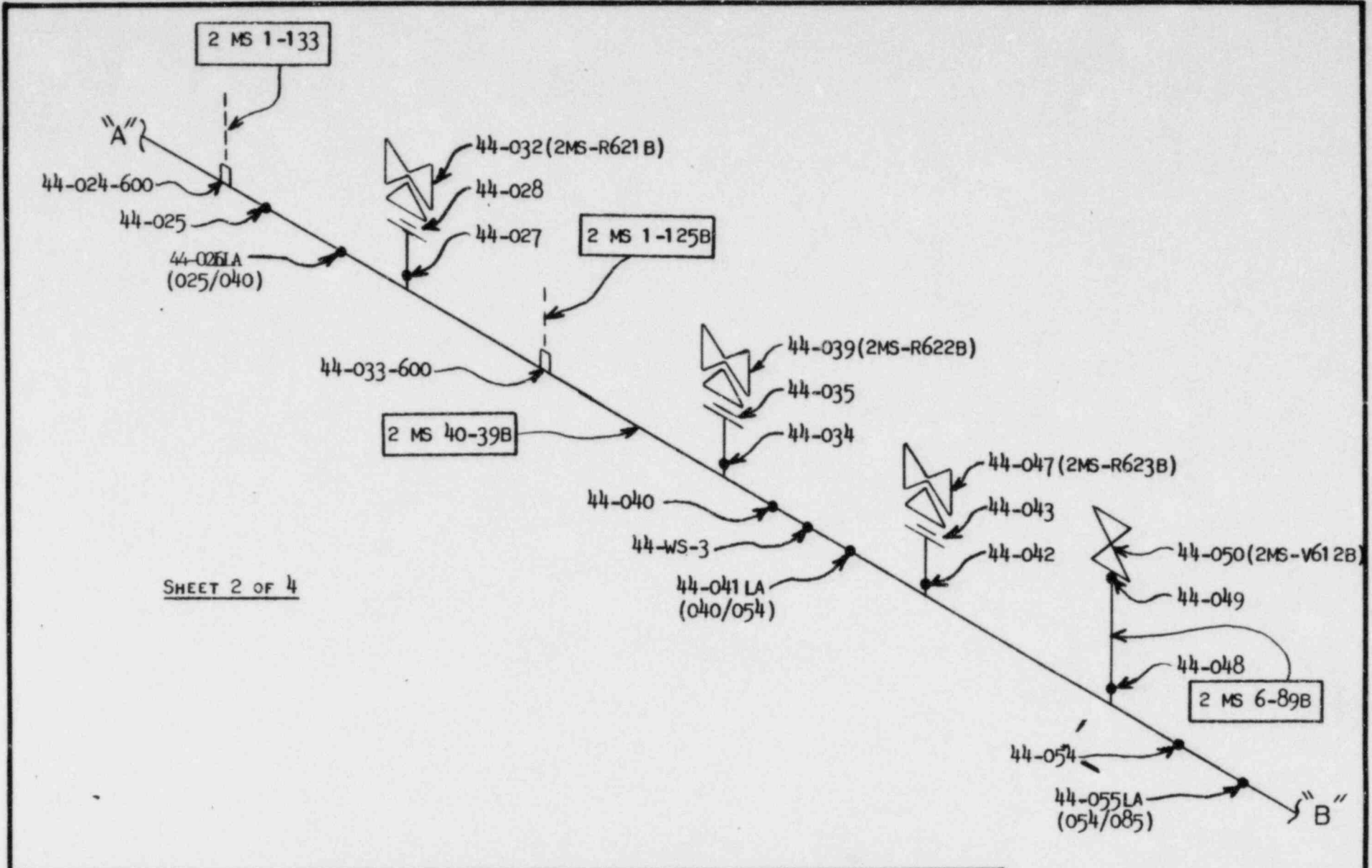
TITLE:

MAIN STEAM HEADER B  
OUTSIDE CONTAINMENT

DATE: 3-15-83

ZONE: 44

REVISION: 5

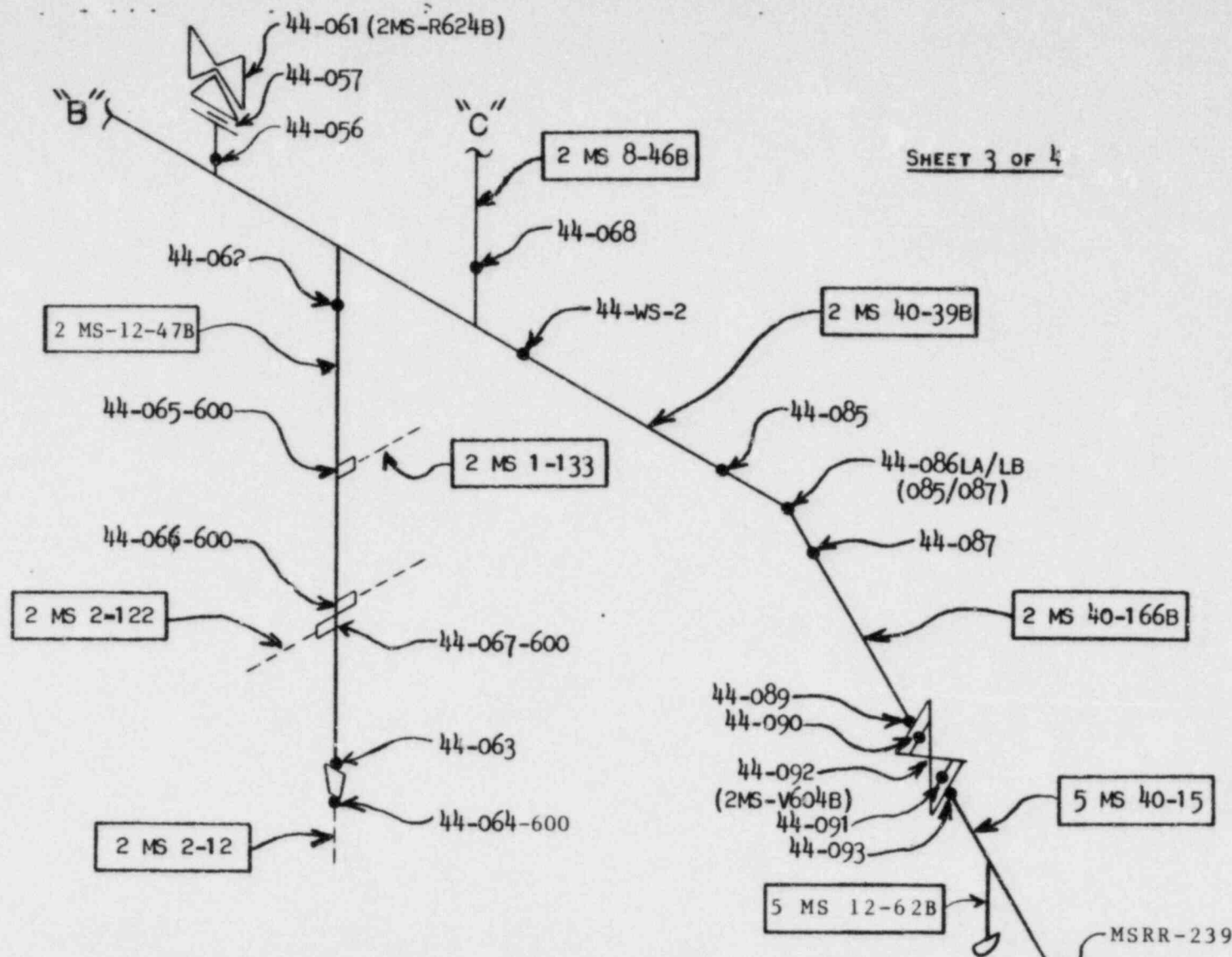


SHEET 2 OF 4

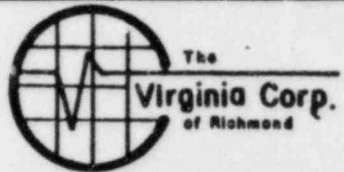


TITLE: MAIN STEAM HEADER B  
 OUTSIDE CONTAINMENT

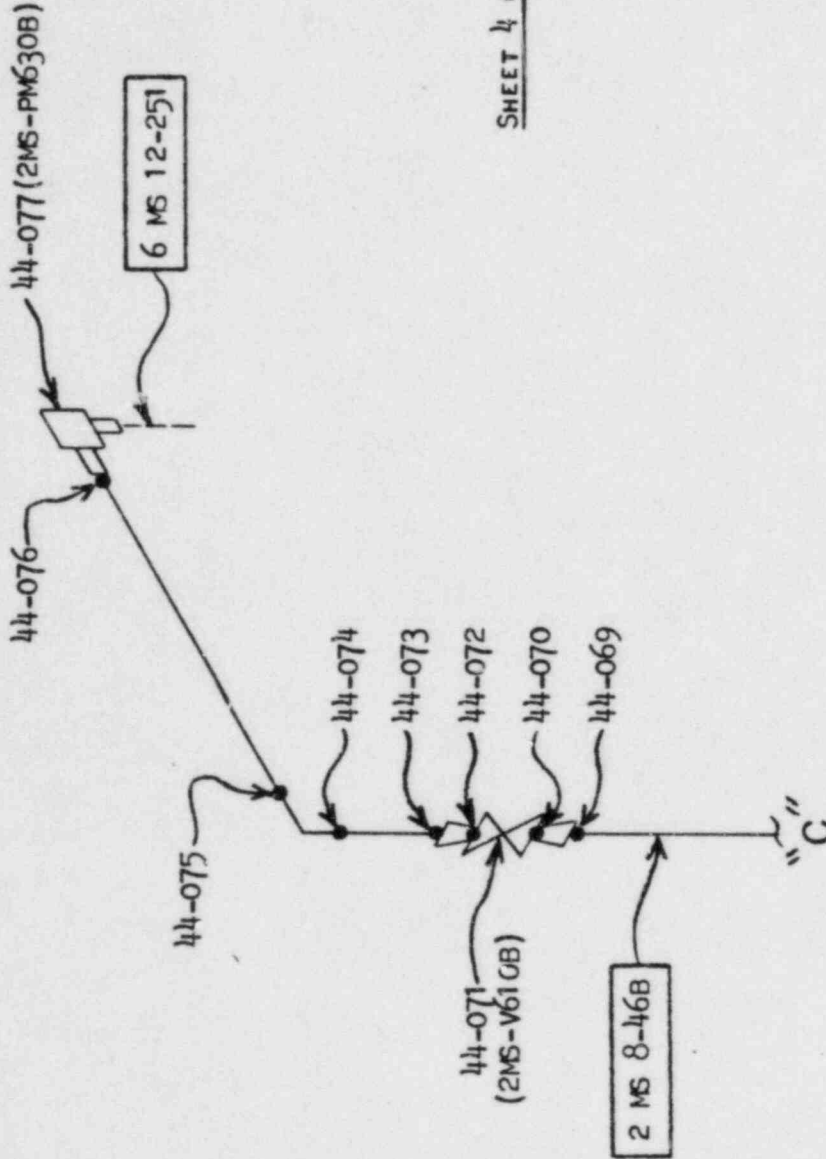
DATE: 3-15-83  
 ZONE: 44  
 REVISION: 5




SHEET 3 OF 4



<b>TITLE:</b> MAIN STEAM HEADER B OUTSIDE CONTAINMENT	<b>DATE:</b> 3-15-83
	<b>ZONE:</b> 44
	<b>REVISION:</b> 5



SHEET 4 OF 4

	TITLE: MAIN STEAM HEADER B OUTSIDE CONTAINMENT	DATE: 3-15-83 ZONE: 44 REVISION: 5
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A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



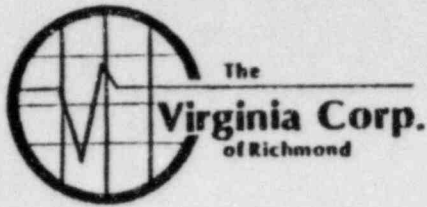
**TITLE**

Main Feedwater Header "A"  
Inside Containment

**DATE:** 3/15/83

**ZONE:** 45

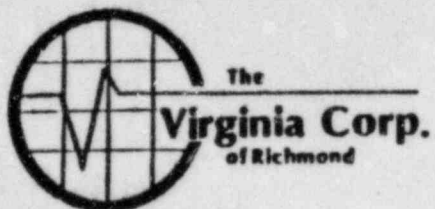
**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 45Date: 3/15/83Revision: 5MAIN FEED HEADER A - INSIDE CONTAINMENT

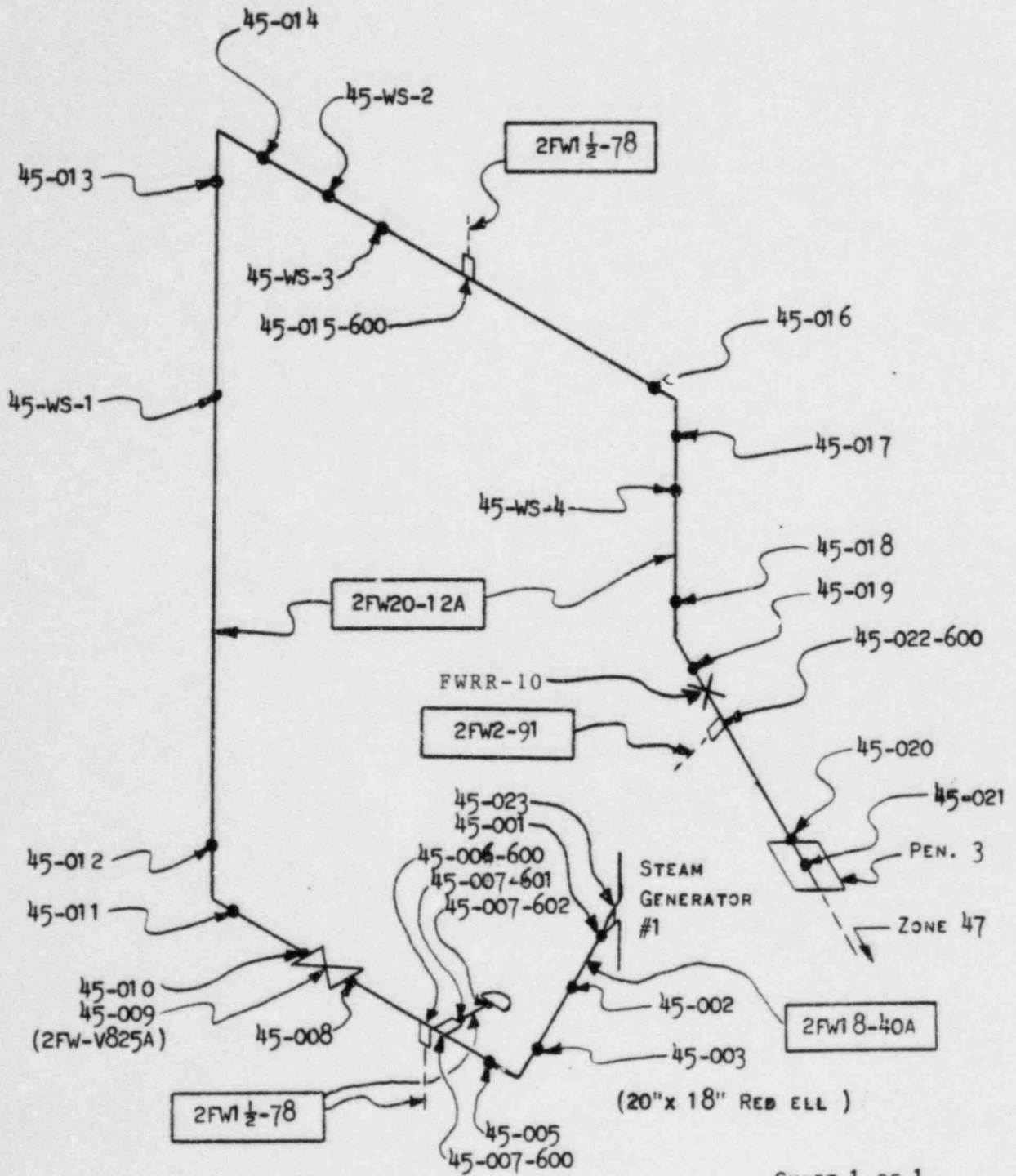
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
45-001	S.G FEEDWATER NOZZLE EXT. PC. TO 18" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-124
45-002	18" PIPE TO PIPE WELD	↓	↓	↓	↓
45-003	18" PIPE TO 20" X 18" RED ELL WELD	↓	↓	↓	↓
45-005	20" X 18" RED ELL TO 20" PIPE WELD	↓	↓	↓	UT-125
45-006-600	2FW 1 1/2-78 FROM 2FW20-12A TO VALVE 2FW-V1531-3	↓	EXEMPT IWC-1220 (c)	N/A	N/A
45-007-600	COUP TO 20" PIPE WELD	↓	↓	↓	↓
45-007-601	COUP TO 1 1/2" PIPE WELD	↓	↓	↓	↓
45-007-602	1 1/2" PIPE TO PLUG WELD	↓	↓	↓	↓
45-008	20" PIPE TO VALVE END WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
45-009	CHECK VALVE 2FW-V825A	N/A	N/A	N/A	N/A
45-010	VALVE END TO 20" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
45-011	20" PIPE TO ELL WELD	↓	↓	↓	↓
45-012	ELL. TO 20" PIPE WELD	↓	↓	↓	↓
45-WS-1	4 WELDED LUGS TO 20" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 45Date: 3/15/83Revision: 5MAIN FEED HEADER A - INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
45-013	20" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
45-014	ELL TO 20" PIPE WELD	↓	↓	↓	↓
45-WS-2	4 WELDED LUGS TO 20" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
45-WS-3	4 WELDED LUGS TO 20" PIPE	↓	↓	↓	↓
45-015-600	2FW1½"-78 FROM 2FW20-12A TO VALVE 2FW-V1531-2	C-F	EXEMPT IWC-1220 (c)	N/A	N/A
45-016	20" PIPE TO ELL WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
45-017	ELL TO 20" PIPE WELD	↓	↓	↓	↓
45-WS-4	4 WELDED LUGS TO 20" PIPE WELD	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
45-018	20" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
45-019	ELL TO 20" PIPE WELD	↓	↓	↓	↓
45-020	20" PIPE TO CONTAINMENT PENETRATION WELD - OUTER WELD	↓	↓	↓	↓
45-021	20" PIPE TO CONTAINMENT PENETRATION WELD - INNER WELD	↓	↓	↓	↓
45-022-600	2FW2-91 FROM 2FW20-12A TO VALVE 2FW-V1539-2	↓	EXEMPT IWC-1220 (c)	N/A	N/A
45-023	S.G. FEEDWATER NOZZLE TO NOZZLE EXT. PC. WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-37



SHEET 1 OF 1



TITLE  
 MAIN FEED HEADER A - INSIDE  
 CONTAINMENT

DATE: 3-15-83  
 ZONE: 45  
 REVISION: 5



A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



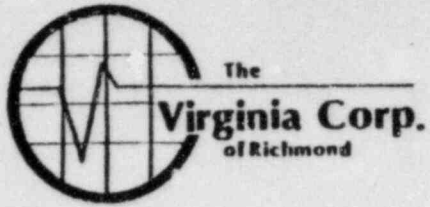
**TITLE**

Main Feedwater Header "B"  
Inside Containment

**DATE:** 3/15/83

**ZONE:** 46

**REVISION:** 5

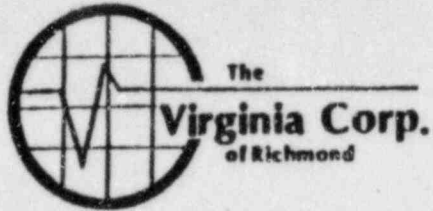


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 46Date: 3/15/83Revision: 5

MAIN FEED HEADER B - INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
46-001	S.G. FEEDWATER NOZZLE EXT. PC. TO 18" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-124
46-002	18" PIPE TO 18" X 20" RED ELL WELD	↓	↓	↓	↓
46-003	18" X 20" RED ELL TO 20" PIPE WELD	↓	↓	↓	UT-125
46-005-600	2FW 1/2-78 FROM 2FW20-14B TO VALVE 2FW-V1531-6	↓	EXEMPT IWC-1220 (c)	N/A	N/A
46-006	20" PIPE TO VALVE END WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
46-007	CHECK VALVE 2FW-V826B	N/A	N/A	N/A	N/A
46-008	VALVE END TO 20" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
46-009	20" PIPE TO ELL WELD	↓	↓	↓	↓
46-010	ELL TO 20" PIPE WELD	↓	↓	↓	↓
46-WS-1	4 WELDED LUGS TO 20" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
46-011	20" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
46-012	ELL TO 20" PIPE WELD	↓	↓	↓	↓
46-WS-2	4 WELDED LUGS TO 20" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
46-WS-3	4 WELDED LUGS TO 20" PIPE	↓	↓	↓	↓

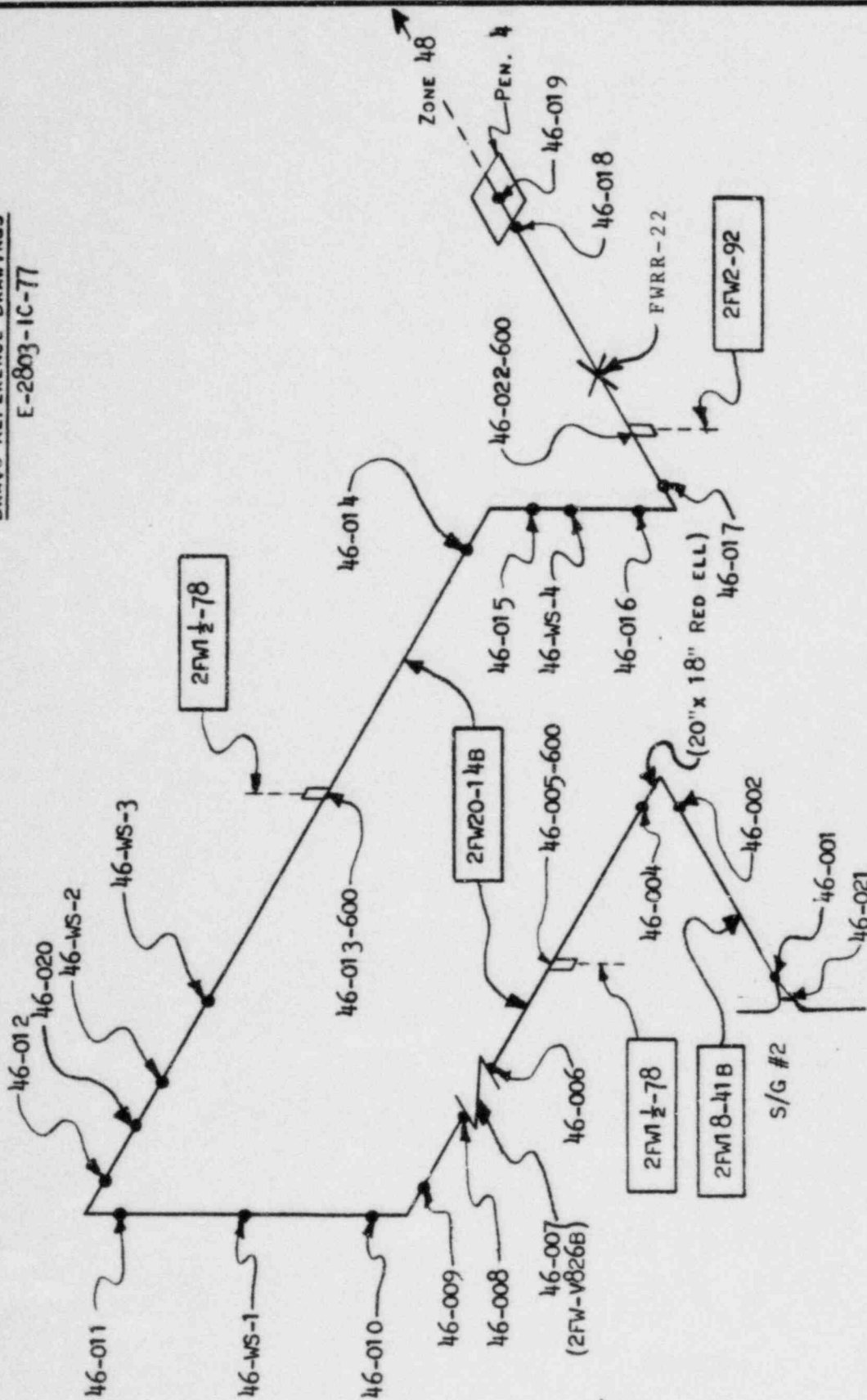


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 46Date: 3/15/83Revision: 5MAIN FEED HEADER B - INSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
46-013-600	2FW-1 $\frac{1}{2}$ -78 FROM 2FW20-14B TO VALVE 2FW-V1531-5	C-F	EXEMPT IWC-1220 (c)	N/A	N/A
46-014	20" PIPE TO ELL WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
46-015	ELL TO 20" PIPE WELD	↓	↓	↓	↓
46-WS-4	4 WELDED LUGS TO 20" PIPE	C-C	SURFACE	ISI-3.1 OR 4.3	N/A
46-016	20" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
46-017	ELL TO 20" PIPE WELD	↓	↓	↓	↓
46-018	20" PIPE TO CONTAINMENT PENETRATION WELD - OUTER WELD	↓	↓	↓	↓
46-019	20" PIPE TO CONTAINMENT PENETRATION WELD - INNER WELD	↓	↓	↓	↓
46-020	20" PIPE TO PIPE WELD	↓	↓	↓	↓
46-021	S.G. FEEDWATER NOZZLE TO NOZZLE EXT. PC. WELD	↓	↓	↓	UT-37
46-022-600	2FW2-92 FROM 2FW20-14B TO VALVE 2FW-V1540-2	↓	EXEMPT IWC-1220 (c)	N/A	N/A

DRAWING REFERENCE DRAWINGS  
E-2803-1C-77



SHEET 1 OF 1

	<b>TITLE:</b> MAIN FEED HEADER B - INSIDE CONTAINMENT	
	<b>DATE:</b> 3/15/83	<b>ZONE:</b> 46
	<b>REVISION:</b> 5	

A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



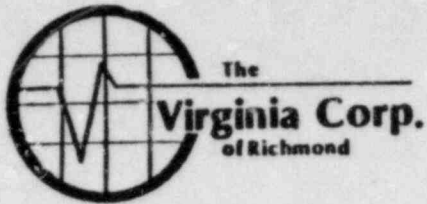
**TITLE**

Main and Emergency Feedwater Header  
"A" Outside Containment

**DATE:** 3/15/83

**ZONE:** 47

**REVISION:** 5



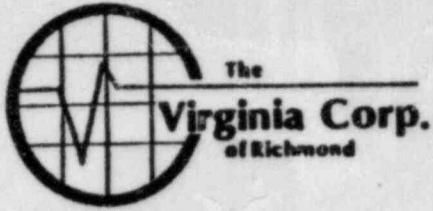
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 47Date: 3/15/83Revision: 5

MAIN & EMERGENCY FEED HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
47-001	CONTAINMENT PENETRATION TO 20" PIPE WELD - OUTER	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-125
47-002	20" PIPE TO ELL WELD				
47-003	ELL TO 20" PIPE WELD				
47-004	20" x 6" SWEEP. TO 20" PIPE WELD		SURFACE	ISI-3.1 or 4.3	N/A
47-005	20" PIPE TO VALVE END WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-125
47-006	20" GATE VALVE 2FW-V823A	N/A	N/A	N/A	N/A
47-007	VALVE END TO 20" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-125
47-008-600	2FW1 $\frac{1}{2}$ -78 FROM 2FW20-12A TO VALVE 2FW-V1518-1		EXEMPT WC-1220 (c)	N/A	N/A
47-009	20" PIPE TO VALVE END WELD		VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-125
47-010	CHECK VALVE 2FW-V821-A	N/A	N/A	N/A	N/A
47-011	20" x 6" SWEEP. TO 6" XS PIPE WELD	C-F	SURFACE	ISI-3.1 or 4.3	
47-012	6" XS PIPE TO 6" x 6" x 6" TEE WELD				
47-013	6" x 6" x 6" TEE TO 6" XS PIPE WELD				
47-014	6" XS PIPE TO ELL WELD				

\*NOTE A: "PER SRP 6.6 & BRANCH TECHNICAL POSITION ASB 2.1".



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 47Date: 3/15/83Revision: 5MAIN & EMERGENCY FEED HEADER A - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
47-015	ELL TO 6" XS PIPE WELD	C-F	SURFACE	ISI-3.1 or 4.3	N/A
47-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
47-016	6" XS PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1 or 4.3	
47-017	ELL TO 6" X 4" RED. WELD	↓	↓	↓	
47-018	6" X 4" RED. TO VALVE END WELD	↓	EXEMPT IWC-1220 (c)	N/A	
47-019	4" GATE VALVE 2FW-V848A	N/A	N/A	↓	
47-025	6" X 6" X 6" TEE TO 6" XS PIPE WELD	C-F	SURFACE	ISI-3.1 or 4.3	
47-026	6" XS PIPE TO ELL WELD	↓	↓	↓	
47-027	ELL TO 6" X 4" RED. WELD	↓	↓	↓	
47-028	6" X 4" RED. TO VALVE END WELD	↓	EXEMPT IWC-1220 (c)	N/A	
47-029	4" GATE VALVE 2FW-V847B	N/A	N/A	↓	
47-034	VALVE END TO 20" PIPE WELD	↓	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	UT-125
47-035-900	20" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	↓
47-036-900	20" PIPE TO PIPE WELD	↓	↓	↓	↓

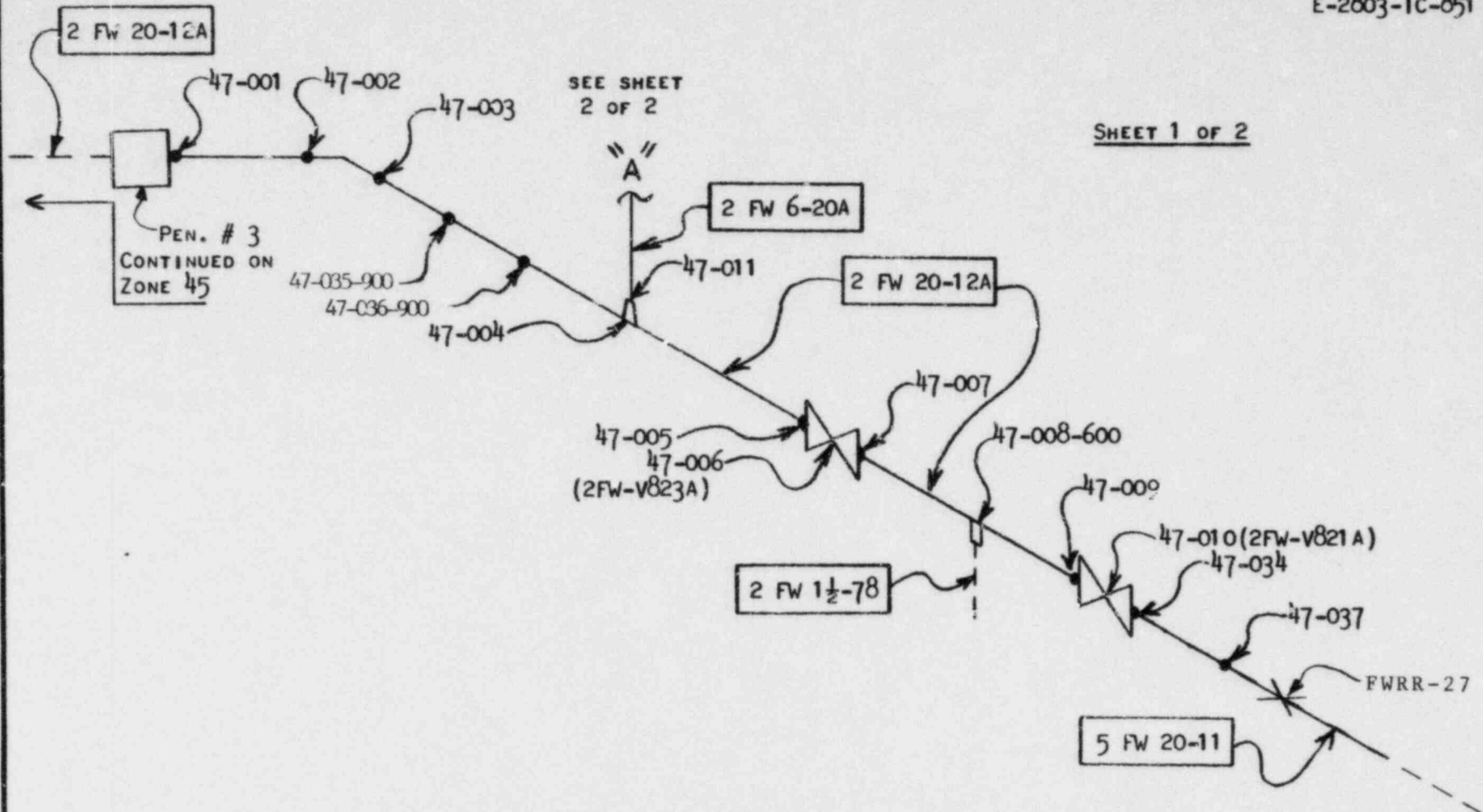




DRAWING REFERENCE DRAWINGS

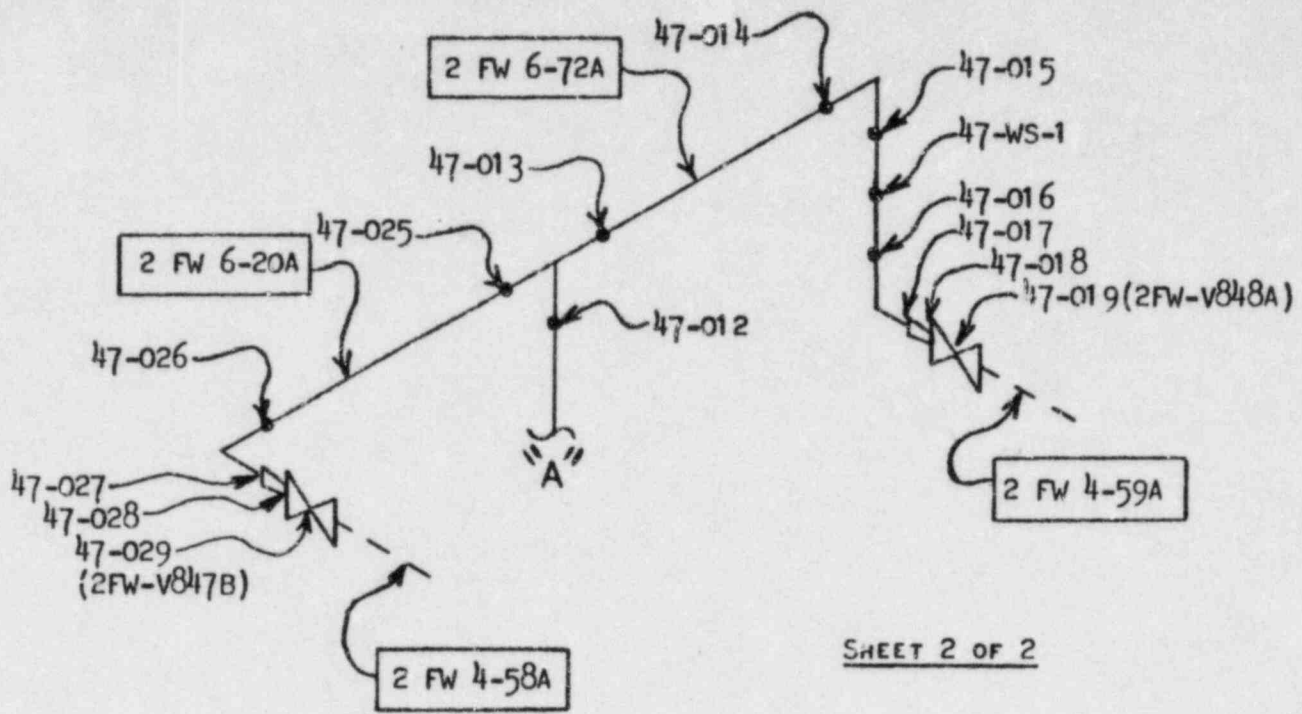
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SHEET 1 OF 2

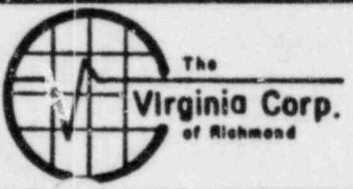


**TITLE:**  
MAIN & EMERGENCY FEED HEADER  
A - OUTSIDE CONTAINMENT

**DATE:** 3/15/83  
**ZONE:** 47  
**REVISION:** 5



SHEET 2 OF 2



TITLE: MAIN & EMERGENCY FEED HEADER  
A - OUTSIDE CONTAINMENT

DATE: 3/15/83  
ZONE: 47  
REVISION: 5

A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
**Virginia Corp.**  
of Richmond

**TITLE**

Main and Emergency Feedwater Header  
"B" Outside Containment

**DATE:** 3/15/83

**ZONE:** 48

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 48Date: 3/15/83Revision: 5

MAIN & EMERGENCY FEED HEADER B - OUTSIDE CONTAINMENT

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
48-001	CONTAINMENT PENETRATION TO 20" PIPE WELD - OUTER	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
48-002	20" PIPE TO ELL WELD	↓	↓	↓	↓
48-003	ELL TO 20" PIPE WELD	↓	↓	↓	↓
48-004	20" X 6" SWEEP. TO 20" PIPE WELD	↓	SURFACE	ISI-3.1 OR 4.3	N/A
48-005	20" PIPE TO VALVE END WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
48-006	20" GATE VALVE 2FW-V824B	N/A	N/A	N/A	N/A
48-007	VALVE END TO 20" PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
48-008-600	2FW1 1/2-78 FROM 2FW20-14B TO VALVE 2FW-V1518	↓	EXEMPT IWC-1220 (c)	N/A	N/A
48-009	20" PIPE TO VALVE END WELD	↓	VOL. & SURF.	ISI-2.2 & ISI-3.1 OR 4.3	UT-125
48-010	20" CHECK VALVE 2FW-V822B	N/A	N/A	N/A	N/A
48-011	20" X 6" SWEEP. TO 6" XS PIPE WELD	C-F	SURFACE	ISI-3.1 OR 4.3	
48-012	6" XS PIPE TO 6" X 6" X 6" TEE WELD	↓	↓	↓	↓
48-013	6" X 6" X 6" TEE TO 6" XS PIPE WELD	↓	↓	↓	↓
48-014	6" XS PIPE TO ELL WELD	↓	↓	↓	↓

\*NOTE: "A" PER SRP 6.6 & BRANCH TECHNICAL POSITION ASB 3-1



PROGRAM PLAN  
Waterford III  
ERASCO Services Inc.  
Louisiana Power & Light

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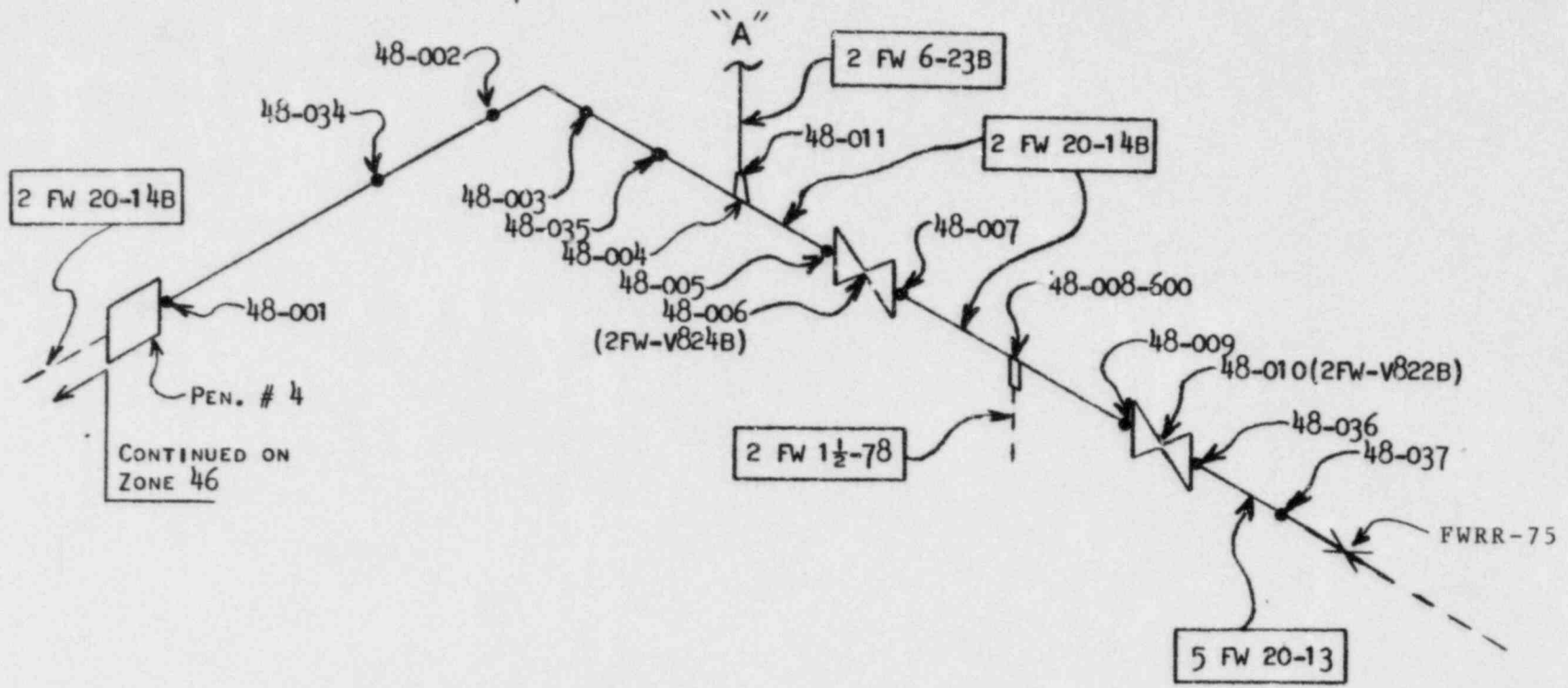
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
48-015	ELL TO 6" X 4" RED. WELD	C-F	SURFACE	ISI-3.1 or 4.3	N/A
48-016	6" X 4" RED. TO 4" VALVE END WELD	↓	EXEMPT IWC-1220 (c)	N/A	
48-017	4" GATE VALVE 2FW-V849A	N/A	N/A	↓	
48-022	6" X 6" X 6" TEE TO 6" XS PIPE WELD	C-F	SURFACE	ISI-3.1 or 4.3	
48-023	6" XS PIPE TO ELL WELD				
48-024	ELL TO 6" XS PIPE WELD				
48-025	6" XS PIPE TO ELL WELD				
48-026	ELL TO 6" X 4" RED. WELD				
48-027	6" X 4" RED. TO 4" VALVE END WELD	↓	EXEMPT IWC-1220 (c)	N/A	
48-028	4" GATE VALVE 2FW-V850B	N/A	N/A	↓	
48-034	20" PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.2 & ISI-3.1 or 4.3	UT-125
48-035	20" PIPE TO PIPE WELD	↓		↓	
48-036	VALVE END TO 20" PIPE WELD	N/A	VOLUMETRIC *(SEE NOTE A)	ISI-2.2	
48-037	20" PIPE TO PIPE WELD	↓		↓	

DRAWING REFERENCE DRAWINGS

E-2803-IC-77  
E-2803-IC-75  
E-2803-IC-847

SHEET 1 OF 2

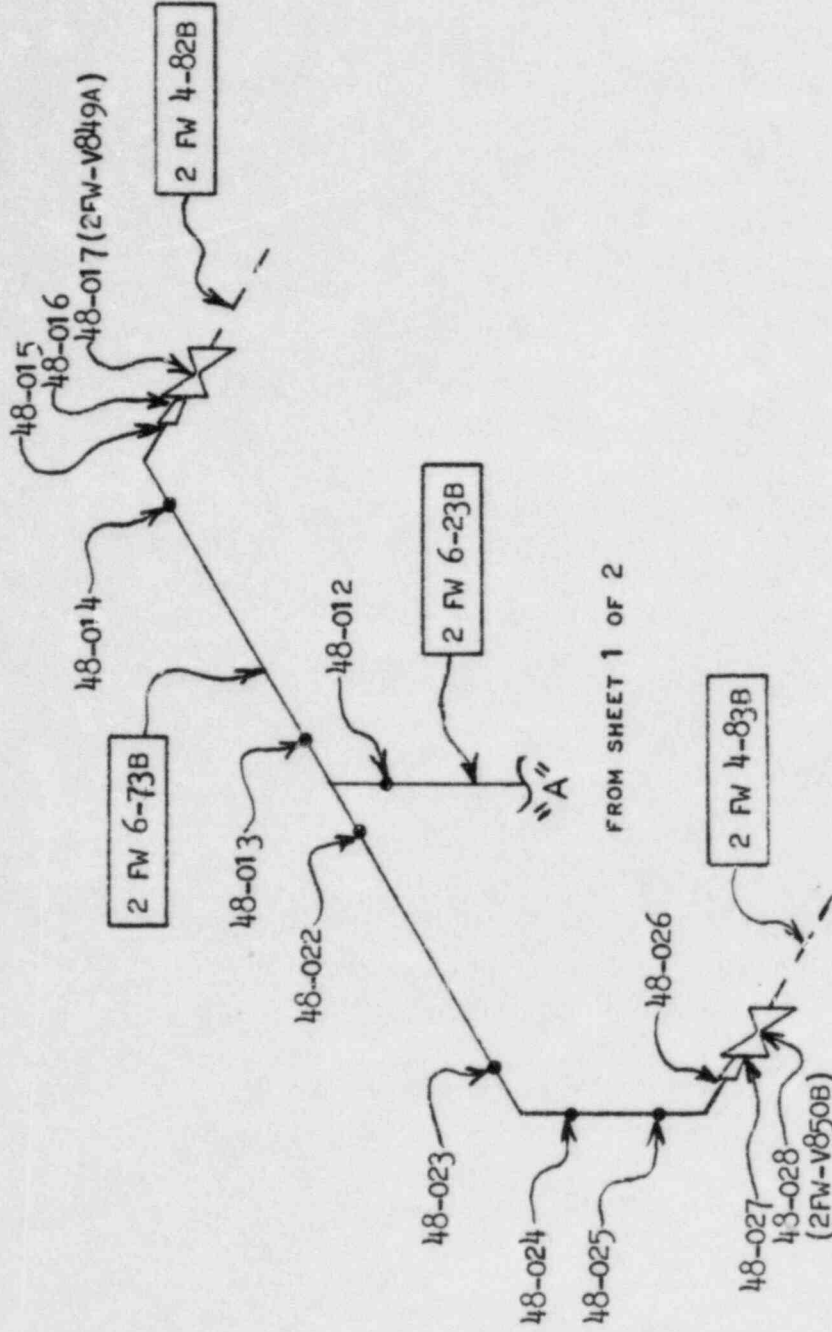
SEE SHEET 2 OF 2



TITLE: MAIN & EMERGENCY FEED HEADER  
B - OUTSIDE CONTAINMENT

DATE: 3/15/83  
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TITLE:

MAIN & EMERGENCY FEED HEADER  
B - OUTSIDE CONTAINMENT

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PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 49

Date: 3/15/83

Revision: 5

A - LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-WS-1	WELDED SUPPORT	C-C	EXEMPT LESS THAN 3/4"	N/A	N/A
49-001 LA-51-076	14" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	
49-001 LA-002	14" .375T PIPE LONG WELD	↓	↓	↓	
49-002	14" .375T PIPE TO ELL WELD	↓	↓	↓	
49-003	ELL TO 14" .375T PIPE WELD	↓	↓	↓	
49-004 LA-003	14" .375T PIPE LONG WELD	↓	↓	↓	
49-004 LA-006	14" .375T PIPE LONG WELD	↓	↓	↓	
49-005-600	2S11-28 FROM 2S114-14A TO VALVE 2S1-V651	↓	EXEMPT IWC-1220 (D)	N/A	
49-WS-2	WELDED SUPPORT	C-C	SURFACE	ISI-3.1	
49-006	14" .375T PIPE TO VALVE END WELD	C-F	↓	↓	
49-007	GATE VALVE 2S1-V303A/B	N/A	N/A	N/A	
49-008	VALVE END TO 14" TEE WELD	C-F	SURFACE	ISI-3.1	
49-009 LA	14" TEE LONG WELD	↓	↓	↓	
49-009 LB	14" TEE LONG WELD	↓	↓	↓	

\* NOTE: "THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE."





PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-009LC	14" TEE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
49-010	14" .375T TEE TO CAP WELD				
49-011	TEE TO 14" .375T PIPE WELD				
49-012LA-011	14" .375T PIPE LONG WELD				
49-012LA-014	14" .375T PIPE LONG WELD				
49-013-600	2S11-104A FROM 2S114-13A TO VALVE 2S1-F624		EXEMPT IWC-1220 (D)	N/A	
49-014	14" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
49-015	ELL TO 14" .375T PIPE WELD				
49-016LA-015	14" .375T PIPE LONG WELD		SURFACE	ISI-3.1	N/A
49-016LA-020	14" .375T PIPE LONG WELD				
49-017-600	2S13-177A FROM 2S114-13A TO VALVE 2S1-V341A		EXEMPT IWC-1220 (D)	N/A	
49-019-600	2S11-28 FROM 2S114-13A TO VALVE 2S1-V625-11				
49-020	14" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
49-021 LA-020	14" ELL .375T LONG WELD		SURFACE	ISI-3.1	N/A



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-021LA-022	14" ELL .375T LONG WELD	C-F	SURFACE	ISI-3.1	N/A
49-022	14" .375T ELL TO ELL WELD				
49-023	ELL TO 14" .375T PIPE WELD				
49-024LA-023	14" .375T PIPE LONG WELD				
49-024LA-026	14" .375T PIPE LONG WELD				
49-025-600	2S11-28 FROM 2S114-13A 20 VALVE 2S1-V609		EXEMPT IWC-1220 (D)	N/A	
49-026	14" .375T PIPE TO ELL WELD		SURFACE	ISI-3.1	
49-027	ELL TO 20"X 20"X 14" TEE WELD				
49-028LA	20"X 20"X 14" TEE, LONG WELD				
49-028LB	20"X 20"X 14" TEE, LONG WELD				
49-028LC	20"X 20"X 14" TEE, LONG WELD				
49-029	20"X 20"X 14" TEE TO 20" .375T PIPE WELD		VOL. & SURF. (* SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
49-030LA-029	20" .375T PIPE LONG WELD		SURFACE	ISI-3.1	N/A
49-030LA-031	20" .375T PIPE LONG WELD				



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-031	20" .375T PIPE TO VALVE END WELD	C-F	SURFACE	ISI-3.1	N/A
49-032	BUTTERFLY VALVE 2SI-B301A	N/A	N/A	N/A	↓
49-033	20" x 20" x 14" TEE TO 20" .375T PIPE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
49-034LA-033	20" .375T PIPE LONG WELD	↓	SURFACE	ISI-3.1	N/A
49-034LA-035	20" .375T PIPE LONG WELD	↓	↓	↓	
49-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
49-035	20" .375T PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
49-036LA-035	20" .375T PIPE LONG WELD				
49-036LA-037	20" .375T PIPE LONG WELD				
49-037	20" .375T PIPE TO PIPE WELD				
49-038LA-037	20" .375T PIPE LONG WELD				
49-038LA-039	20" .375T PIPE LONG WELD				
49-039	20" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
49-040LA-039	20" .375T ELL LONG SEAM-SHORT WELD		SURFACE	ISI-3.1	N/A
49-040LB-039	20" .375T ELL LONG SEAM-LONG WELD	↓	↓	↓	↓



PROGRAM PLAN  
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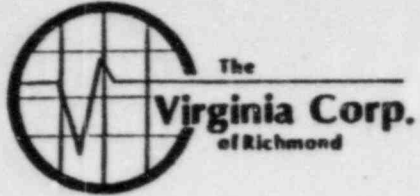
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49-040LA-041	20" .375T ELL LONG SEAM-SHORT WELD	C-F	SURFACE	ISI-3.1	N/A
49-040LB-041	20" .375T ELL LONG SEAM-LONG WELD				
49-041	ELL TO 20" .375T PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
49-042LA-041	20" .375T PIPE LONG WELD		SURFACE	ISI-3.1	N/A
49-042LA-043	20" .375T PIPE LONG WELD				
49-043	20" .375T PIPE TO PIPE WELD				
49-044LA-043	20" .375T PIPE LONG WELD				
49-044LA-045	20" .375T PIPE LONG WELD				
49-045	20" .375T PIPE TO ELL WELD				
49-046LA-045	20" .375T ELL LONG SEAM-SHORT WELD				
49-046LB-045	20" .375T ELL LONG SEAM-LONG WELD				
49-046LA-047	20" .375T ELL LONG SEAM-SHORT WELD				
49-046LB-047	20" .375T ELL LONG SEAM-LONG WELD				
49-047	ELL TO 20" .375T PIPE WELD				
49-048LA-047	20" .375T PIPE LONG WELD				



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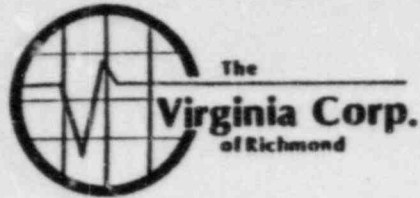
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49-048LA-049	20" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
49-049	20" .375T PIPE TO 20" x 18" RED WELD	↓	↓	↓	↓
49-050LA-049	20" x 18" RED LONG WELD	↓	↓	↓	↓
49-050LA-051	20" x 18" RED LONG WELD	↓	↓	↓	↓
49-051	20" x 18" RED TO FLANGE WELD	↓	↓	↓	↓
49-052	18" FLANGE	N/A	N/A	N/A	
49-053	18" FLANGE TO ELL WELD	C-F	SURFACE	ISI-3.1	
49-054LA-053	18" .375T ELL LONG SEAM - LONG WELD	↓	↓	↓	↓
49-054LB-053	18" .375T ELL LONG SEAM - SHORT WELD	↓	↓	↓	↓
49-054LA-055	18" .375T ELL LONG SEAM - LONG WELD	↓	↓	↓	↓
49-054LB-055	18" .375T ELL LONG SFAM - SHORT WELD	↓	↓	↓	↓
49-055	18" .375T ELL TO PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-122
49-056LA-055	18" .375T PIPE LONG WELD	↓	SURFACE	ISI-3.1	N/A
49-056LA-059	18" .375T PIPE LONG WELD	↓	↓	↓	↓



**PROGRAM PLAN**  
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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-057-600	2S11-28 FROM 2S118-11A TO VALVE 2S1-V625-22	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
49-058-600	2S11-287 FROM 2S118-11A TO VALVE 2S1-V643		↓	↓	↓
49-059	18" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-122
49-060LA-059	18" .375T ELL LONG SEAM - SHORT WELD		SURFACE	ISI-3.1	N/A
49-060LB-059	18" .375T ELL LONG SEAM - LONG WELD				
49-060LA-061	18" .375T ELL LONG SEAM - SHORT WELD				
49-060LB-061	18" .375T ELL LONG SEAM - LONG WELD				
49-061	ELL TO 18"x 12" RED WELD				
49-062LA-061	18"x12" RED LONG WELD				
49-062LA-063	18"x 12" RED LONG WELD				
49-063	18" x 12" RED TO FLANGE WELD				
49-064	12" FLANGE	N/A	N/A	N/A	
49-065	WELDED SUPPORT	C-C	SURFACE	ISI-3.1	
49-066	WELDED SUPPORT	↓	↓	↓	↓



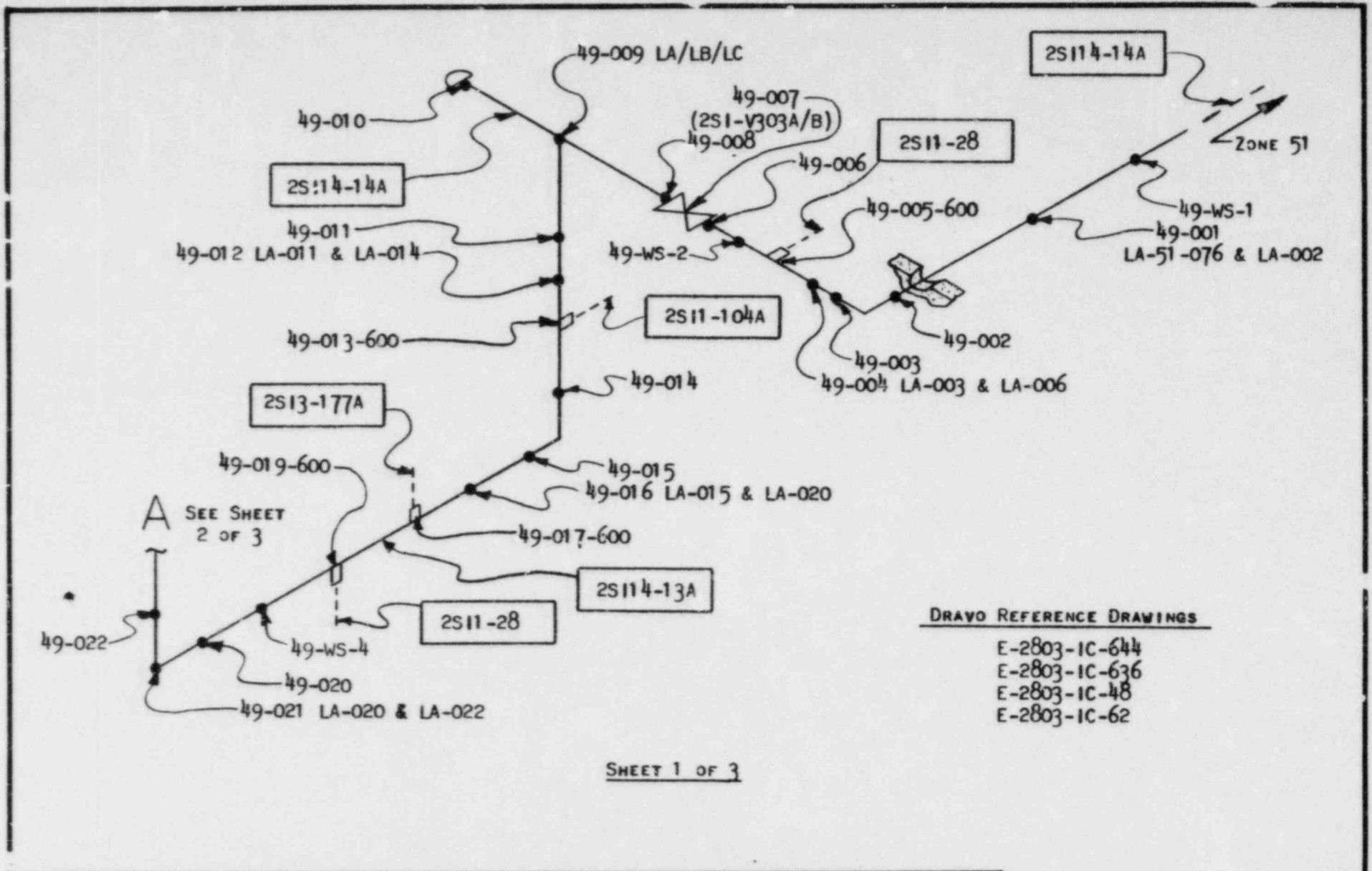
**PROGRAM PLAN**  
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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
49-067	WELDED SUPPORT	C-C	SURFACE	ISI-3.1	N/A
49-068-600	COUP TO PUMP CASING WELD	C-F	EXEMPT IWC-1220 (●)	N/A	
49-068-601	COUP TO CAP WELD	↓	↓	↓	
49-070	PUMP CASING ASSEMBLY	N/A	N/A	↓	
49-071	VALVE END TO 20" .375T PIPE WELD	C-F	SURFACE	ISI-3.1	
49-072	20" .375T pipe to Flange weld	↓	↓	↓	
49-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
49-073	Valve 2SI-V331A	N/A	N/A	↓	
49-074	Flange to .375T pipe weld	C-F	Surface	ISI-3.1	
49-075LA-074	20" .375T pipe, Long. weld				
49-075LA-075	20" .375T pipe, Long. weld				
49-076	20" .375T pipe to pipe weld				
49-077LA-076	20" .375T pipe, long. weld				
49-077LA-078	20" .375T pipe, long. weld	↓	↓	↓	↓







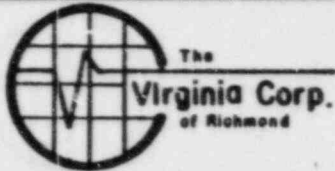
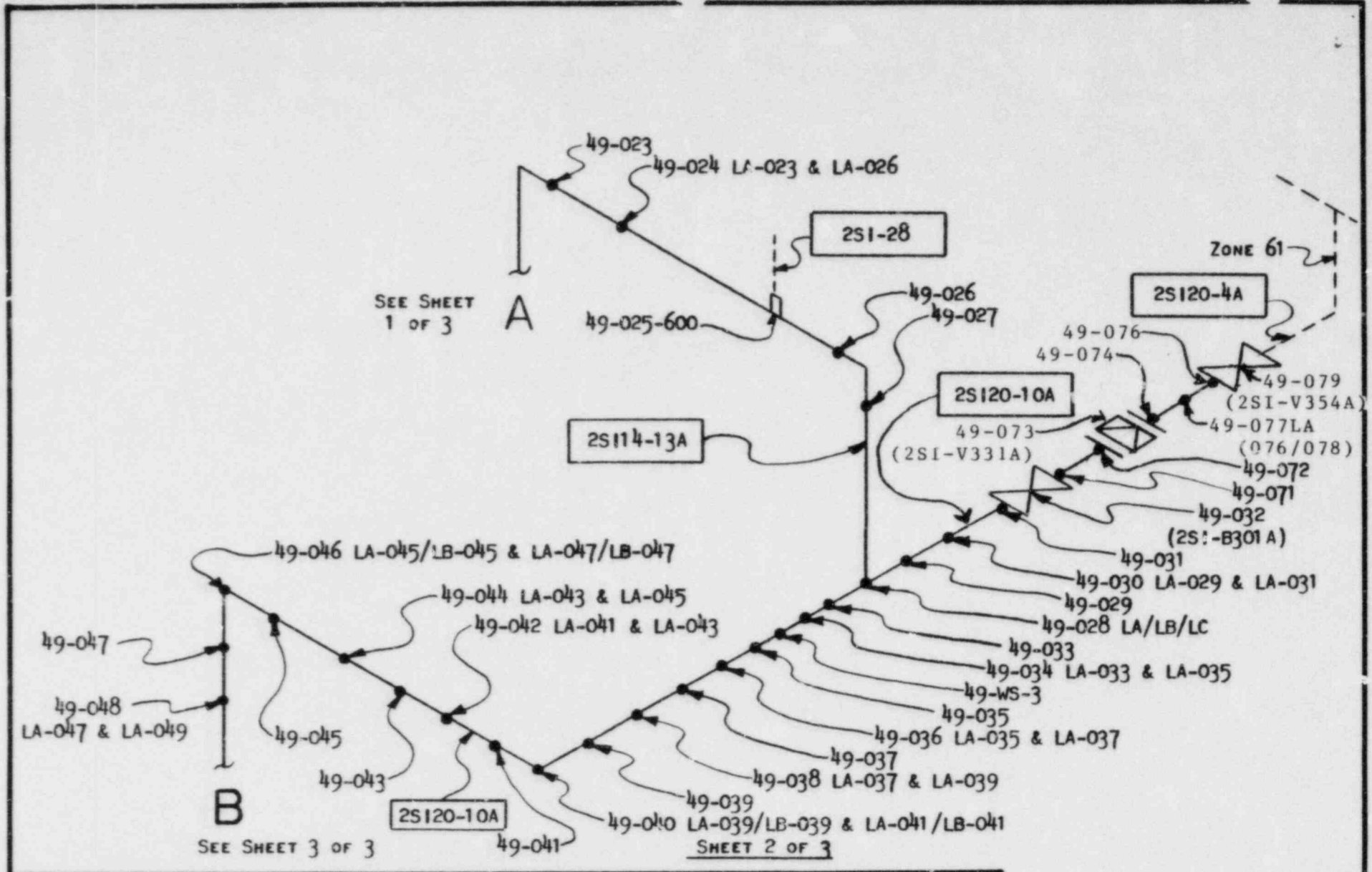
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SHEET 1 OF 3



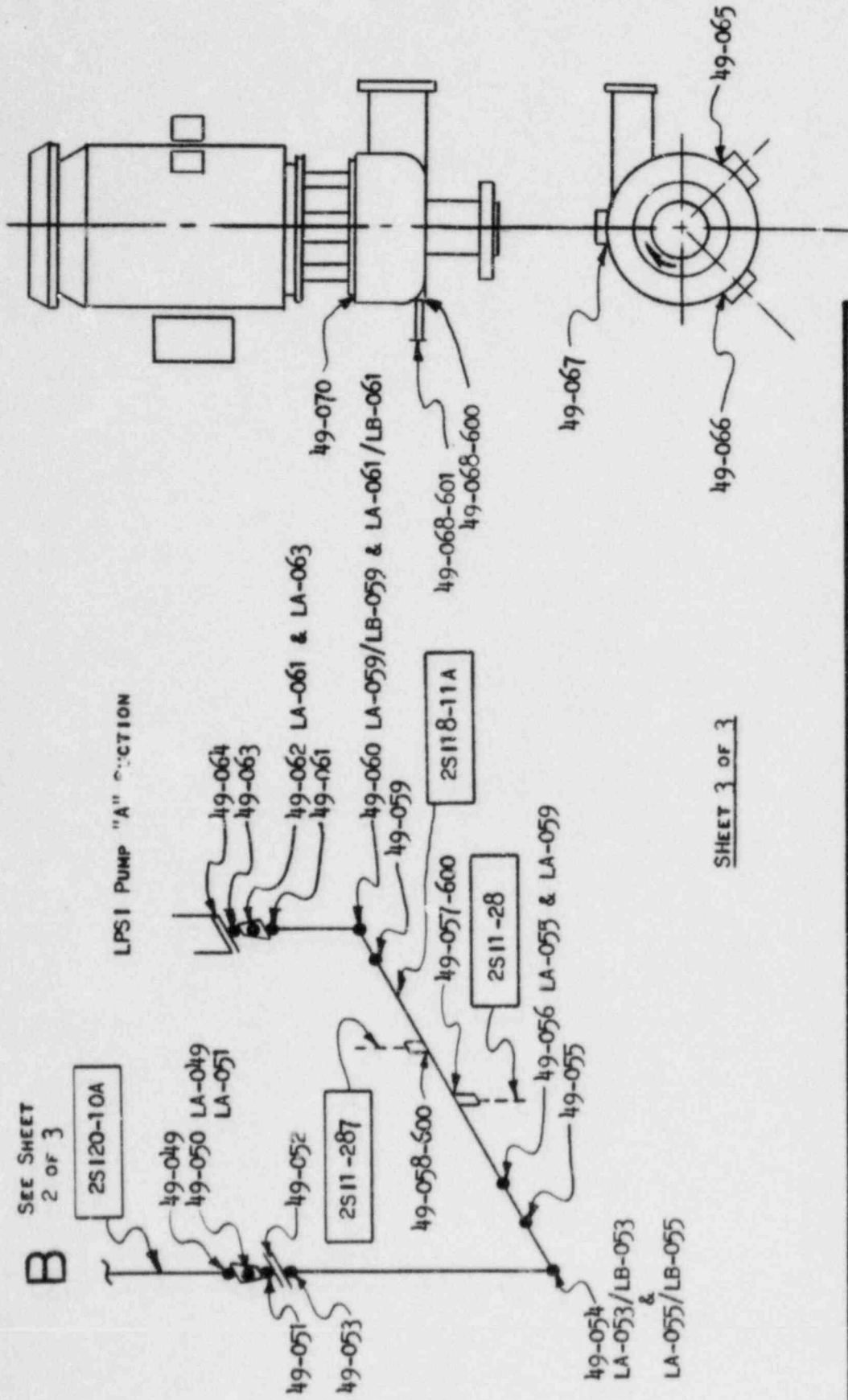
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A - LPSI PUMP SUCTION

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A - LPSI PUMP SUCTION

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	<p>TITLE: A - LPSI PUMP SUCTION</p>	<p>DATE: 3/15/83          ZONE: 49          REVISION: 5</p>
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PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 50Date: 3/15/83Revision: 5B - LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-002	14" .375T PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	N/A
50-004	ELL TO 14" .375T PIPE WELD	↓	↓	↓	
50-WS-1	WELBED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
50-006	14" .375T PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
50-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
50-007-600	2S11-28 FROM 2S114-14B 70 VALVE 2S1-V625-10	C-F	EXEMPT IWC-1220 (D)	↓	
50-008LA-006	14" .375T PIPE LONG WELD	↓	SURFACE	ISI-3.1	
50-008LA-009	14" .375T PIPE LONG WELD	↓	↓	↓	
50-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
50-009	14" .375T PIPE TO E L WELD	C-F	SURFACE	ISI-3.1	
50-011	ELL TO 14" .375T PIPE WELD	↓	↓	↓	
50-012LA-011	14" .375T PIPE LONG WELD	↓	↓	↓	
50-012LA-013	14" .375T PIPE LONG WELD	↓	↓	↓	
50-013	14" .375T PIPE TO ELL WELD	↓	↓	↓	↓

\*NOTE: "THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 50Date: 3/15/83Revision: 5B-- LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-014LA-013	14" ELL LONG SEAM - LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-014LA-015	14" ELL LONG SEAM - SHORT WELD		↓	↓	↓
50-015	ELL TO 14" .375T PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
50-016LA-015	14" .375T PIPE LONG WELD		SURFACE	ISI-3.1	N/A
50-016LA-017	14" .375T PIPE LONG WELD		↓	↓	
50-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
50-017	14" .375T PIPE TO VALVE END WELD	C-F	SURFACE	ISI-3.1	
50-018	GATE VALVE 2SI-V352	N/A	N/A	N/A	
50-019	VALVE END TO 14" .375T PIPE WELD	C-F	SURFACE	ISI-3.1	
50-020-600	2SI1-105B FROM 2SI14-14B TO VALVE 2SI-F623B		EXEMPT IWC-1220 (D)	N/A	
50-022-600	2SI1-28 FROM 2SI14-14B TO VALVE 2SI-V625-7		↓	↓	↓
50-023	14" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
50-025	ELL TO 14" .375T PIPE WELD		SURFACE	ISI-3.1	N/A
50-026LA-025	14" .375T PIPE LONG WELD		↓	↓	↓



PROGRAM PLAN  
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Louisiana Power & Light

Zone: 50  
Date: 3/15/83  
Revision: 5

B - LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-026LA-027	14" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-027	14" .375T PIPE TO TEE WELD	↓	↓	↓	↓
50-028LA	14" .375T TEE LONG WELD	↓	↓	↓	↓
50-028LB	14" .375T TEE LONG WELD	↓	↓	↓	↓
50-028LC	14" .375T TEE LONG WELD	↓	↓	↓	↓
50-029	TEE TO 14" .375T PIPE WELD	↓	↓	↓	↓
50-WS-5	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
50-030-600	2S13-177B FROM 2S114-13B TO VALVE 2S1-V342B	C-F	EXEMPT IWC-1220 (D)	↓	↓
50-031-600	2S11-28 FROM 2S114-13B TO VALVE 2S1-V625-8	↓	↓	↓	↓
50-032LA-029	14" .375T PIPE LONG WELD	↓	SURFACE	ISI-3.1	↓
50-032LA-033	14" .375T PIPE LONG WELD	↓	↓	↓	↓
50-033	14" .375T PIPE TO CAP WELD	↓	↓	↓	↓
50-034	TEE TO 14" .375T PIPE WELD	↓	↓	↓	↓
50-035LA-034	14" .375T PIPE LONG WELD	↓	↓	↓	↓



PROGRAM PLAN  
Waterford III  
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Zone: 50Date: 3/15/83Revision: 5B-LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-035LA-036	14" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-036	14" .375T PIPE TO ELL WELD		↓	↓	↓
50-038	14" .375T ELL TO ELL WELD		↓	↓	↓
50-040	ELL TO 14" PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
50-041LA-040	14" .375T PIPE LONG WELD		SURFACE	ISI-3.1	N/A
50-041LA-043	14" .375T PIPE LONG WELD		↓	↓	↓
50-042-600	2S11-28 FROM 2S114-13B TO VALVE 2S1-V609		EXEMPT IWC-1220 (D)	N/A	↓
50-043	14" .375T PIPE TO ELL WELD		SURFACE	ISI-3.1	↓
50-045	14" ELL TO 20"X 20"X 14" TEE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
50-046LA	20"X 20"X 14" TEE LONG WELD		SURFACE	ISI-3.1	N/A
50-046LB	20"X 20"X 14" TEE LONG WELD				
50-046LC	20"X 20"X 14" TEE LONG WELD				
50-047	20"X 20"X 14" TEE TO 20" .375T PIPE WELD		↓	↓	↓
50-048	20" .375T PIPE TO PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-049LA-048	20" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-049LA-050	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-050	20" .375T PIPE TO VALVE END WELD	↓	↓	↓	↓
50-051	BUTTERFLY VALVE 2SI-B302B	N/A	N/A	N/A	↓
50-052	20" x 20" x 14" TEE TO 20" .375T PIPE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
50-WS-6	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
50-053LA-052	20" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	↓
50-053LA-054	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-054	20" .375T PIPE TO PIPE WELD	↓	↓	↓	↓
50-055LA-054	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-055LA-056	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-056	20" .375T PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
50-057LA-056	20" .375T ELL LONG SEAM - LONG WELD	↓	SURFACE	ISI-3.1	N/A
50-057LB-056	20" .375T ELL LONG SEAM - SHORT WELD	↓	↓	↓	↓

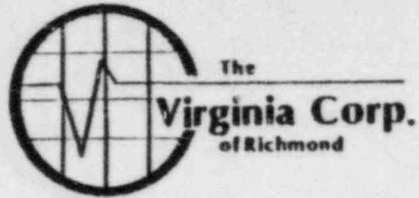




PROGRAM PLAN  
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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-057LA-058	20" .375T ELL LONG SEAM - LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-057LB-058	20" .375T ELL LONG SEAM - SHORT WELD				
50-058	ELL TO 20" .375T PIPE WELD				
50-059LA-058	20" .375T PIPE LONG WELD				
50-059LA-060	20" .375T PIPE LONG WELD				
50-060	20" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-123
50-061 LA-060	20" .375T ELL LONG SEAM - LONG WELD		SURFACE	ISI-3.1	N/A
50-061 LB-060	20" .375T ELL LONG SEAM - SHORT WELD				
50-061 LA-062	20" .375T ELL LONG SEAM - LONG WELD				
50-061 LB-062	20" .375T ELL LONG SEAM - SHORT WELD				
50-062	ELL TO 20" .375T PIPE WELD				
50-063LA-062	20" .375T PIPE LONG WELD				
50-063LA-064	20" .375T PIPE LONG WELD				
50-064	20" .375T PIPE TO PIPE WELD				



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-064LA-064	20" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-065LA-066	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-066	20" .375T PIPE TO 20" x 18" RED WELD	↓	↓	↓	↓
50-067LA-066	20" x 18" RED LONG WELD	↓	↓	↓	↓
50-067LA-068	20" x 18" RED LONG WELD	↓	↓	↓	↓
50-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
50-068	20" x 18" RED TO FLANGE WELD	C-F	SURFACE	ISI-3.1	
50-069	18" FLANGE	N/A	N/A	N/A	
50-070	FLANGE TO 18" .375T ELL WELD	C-F	SURFACE	ISI-3.1	
50-071LA-070	18" .375T ELL LONG SEAM - LONG WELD	↓	↓	↓	↓
50-071LB-070	18" .375T ELL LONG SEAM - SHORT WELD	↓	↓	↓	↓
50-071LA-072	18" .375T ELL LONG SEAM - LONG WELD	↓	↓	↓	↓
50-071LB-072	18" .375T ELL LONG SEAM - SHORT WELD	↓	↓	↓	↓
50-072	ELL TO 18" .375T PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-122



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-073LA-072	18" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	N/A
50-073LA-076	18" .375T PIPE LONG WELD		↓	↓	
50-074-600	2S11-28 FROM 2S118-11B TO VALVE 2S1-V625-23		EXEMPT IWC-1220(D)	N/A	
50-075-600	2S11-288 FROM 2S118-11B TO VALVE 2S1-V644		↓	↓	
50-076	18" .375T PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-122
50-077LA-076	18" .375T ELL LONG SEAM - LONG WELD		SURFACE	ISI-3.1	N/A
50-077LB-076	18" .375T ELL LONG SEAM - SHORT WELD				
50-077LA-078	18" .375T ELL LONG SEAM - LONG WELD				
50-077LB-078	18" .375T ELL LONG SEAM - SHORT WELD				
50-078	ELL TO 18"x.12" RED WELD				
50-079LA-078	18"x 12" RED LONG WELD				
50-079LA-080	18"x 12" RED LONG WELD				
50-080	18"x 12" RED TO FLANGE WELD	↓	↓	↓	
50-081	12" FLANGE	N/A	N/A	N/A	↓



PROGRAM PLAN  
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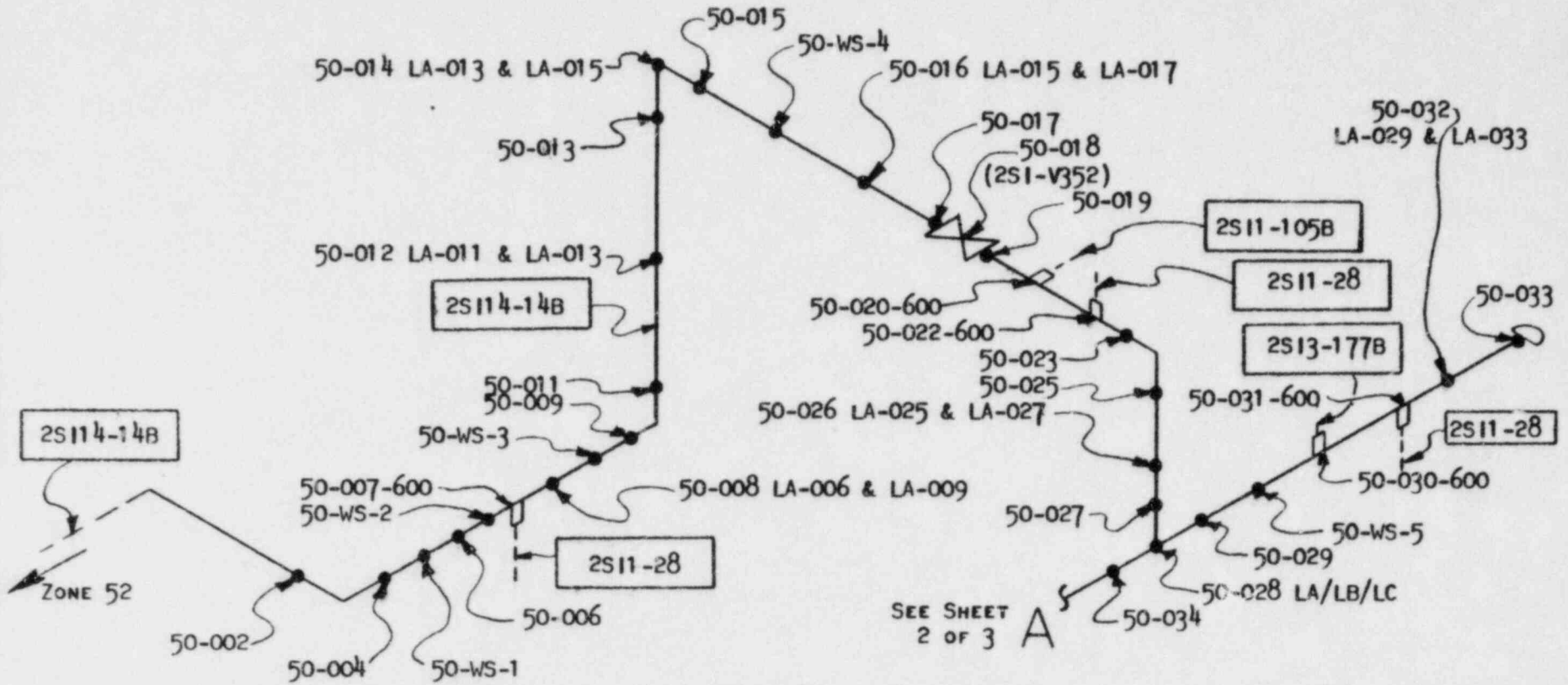
Zone: 50Date: 3/15/83Revision: 5B - LPSI PUMP SUCTION

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
50-082	WELDED SUPPORT	C-C	SURFACE	ISI-3.1	N/A
50-083	WELDED SUPPORT	↓	↓	↓	↓
50-084	WELDED SUPPORT	↓	↓	↓	↓
50-085-600	1" DRAIN LINE TO PUMP CASING	C-F	EXEMPT IWC-1220 (D)	N/A	↓
50-085-601	1" PIPE TO CAP WELD	↓	↓	↓	↓
50-087	PUMP CASING ASSEMBLY	N/A	N/A	↓	↓
50-088LA-047	20" .375T PIPE LONG WELD	C-F	SURFACE	ISI-3.1	↓
50-088LA-048	20" .375T PIPE LONG WELD	↓	↓	↓	↓
50-089	VALVE END TO 20" .375T PIPE WELD	↓	↓	↓	↓
50-090	20" .375T pipe to flange weld	↓	↓	↓	↓
50-091	Valve 2SI-V332B	N/A	N/A	N/A	↓
50-092	Flange to .375T pipe weld	C-F	Surface	ISI-3.1	↓
50-093LA-092	20" .375T pipe, long. weld	↓	↓	↓	↓
50-093LA-094	20" .375T pipe, long. weld	↓	↓	↓	↓



DRAVO REFERENCE DRAWINGS

E-2803-IC-38  
E-2803-IC-23  
E-2803-IC-63



SHEET 1 OF 3



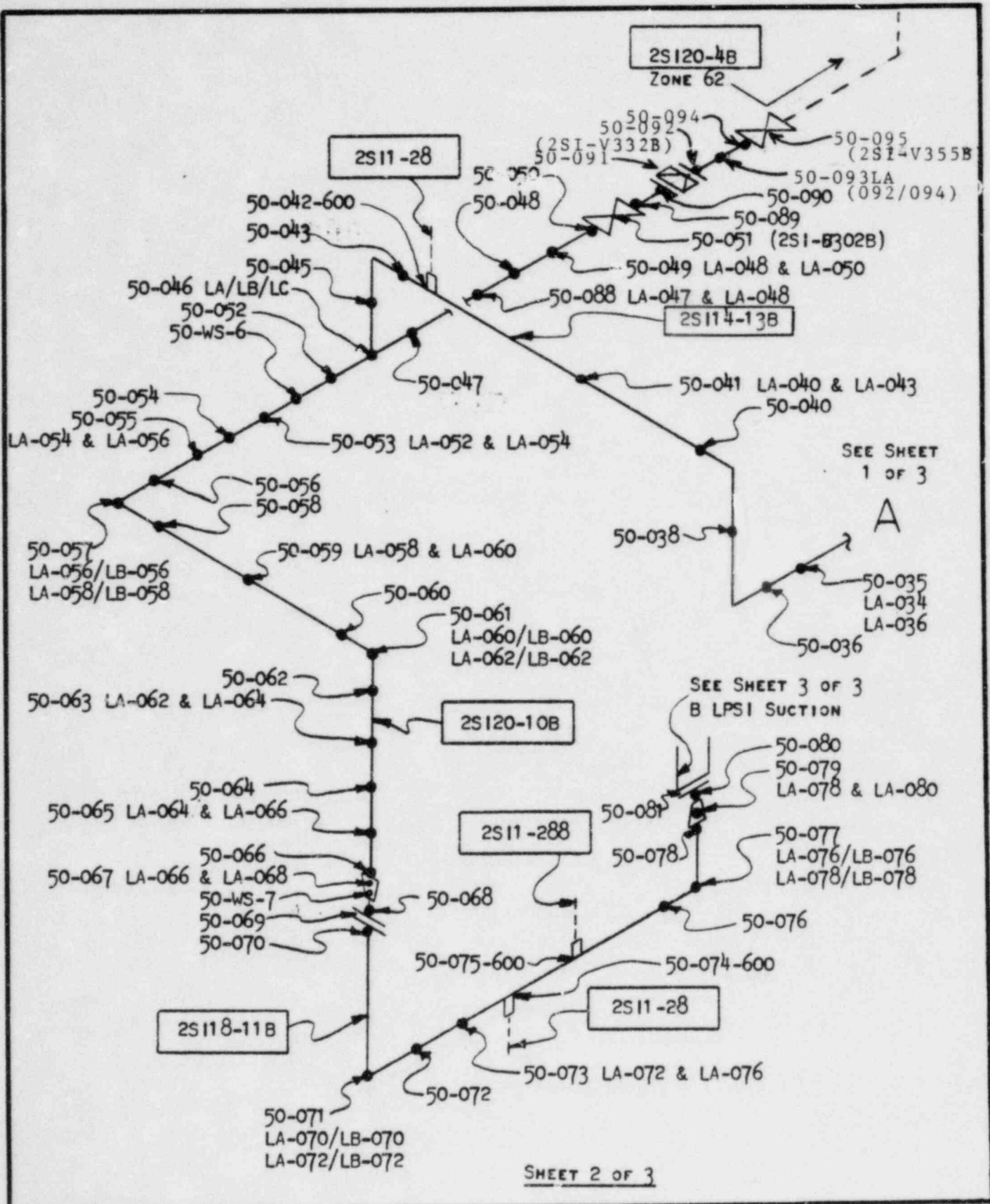
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B - LPSI PUMP SUCTION

DATE: 3-15-83

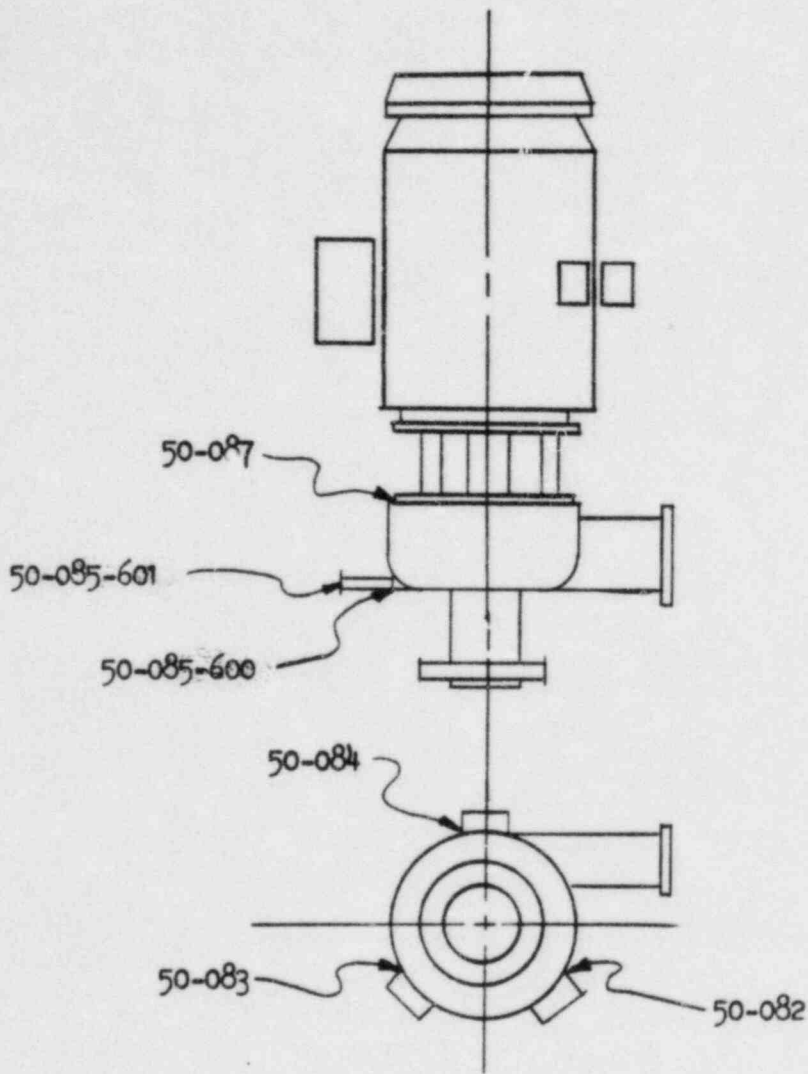
ZONE: 50

REVISION: 5



TITLE  
B - LPSI PUMP SUCTION

DATE: 3-15-83  
 ZONE: 50  
 REVISION: 5



SHEET 3 OF 3



TITLE

B - LPSI SUCTION PUMP

DATE: 3-15-83

ZONE: 50

REVISION: 5



A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
**Virginia Corp.**  
of Richmond

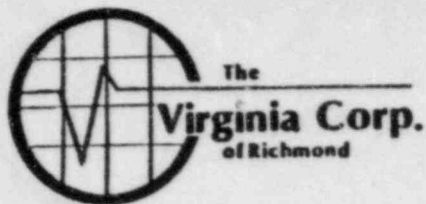
**TITLE**

Shutdown Cooling from Loop 2,  
Class I

**DATE:** 3/15/83

**ZONE:** 51

**REVISION:** 5



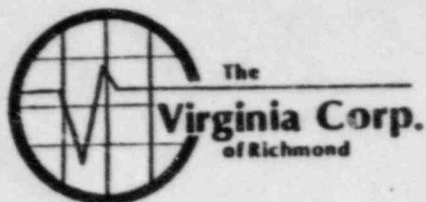
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 51  
Date: 3/15/83  
Revision: 5

SHUTDOWN COOLING FROM LOOP 2, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-001	VALVE END TO 14" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
51-002	14" SCH 40 PIPE TO PIPE WELD		↓	↓	↓
51-003	14" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-004	14" PIPE TO 14"x 14"x 6" TEE WELD		↓	↓	↓
51-005	14"x 14"x 6" TEE TO 6" ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-112
51-006	6" ELL TO 6" SCH 80 PIPE WELD		SURFACE	ISI-3.1	N/A
51-007	6" PIPE TO FLANGE WELD		↓	↓	↓
51-008	FLANGE	N/A	N/A	N/A	↓
51-009	14"x 14"x 6" TEE TO 14" PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-WS-1	4 WELDED LUGS	C-C	SURFACE	ISI-3.1	N/A
51-WS-2	4 WELDED LUGS	↓	↓	↓	↓
51-010	14" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-011	14" ELL TO PIPE WELD		↓	↓	↓
51-012	14" PIPE TO 45 DEG. ELL WELD		↓	↓	↓

\*NOTE: " THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE."



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Louisiana Power & Light

Zone: 51Date: 3/15/83Revision: 5SHUTDOWN COOLING FROM LOOP 2, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-013	14" 45 DEG ELL TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-014-900	14" PIPE TO CONTAINMENT PENETRATION - INNER WELD				
51-015-900	14" PIPE TO CONTAINMENT PENETRATION - INTERNAL WELD				
51-016-900	14" PIPE TO CONTAINMENT PENETRATION - OUTER WELD				
51-017	14" PIPE TO ELL WELD				
51-018-900	14" ELL TO VALVE END WELD				
51-019	14" GATE VALVE 2S1-V327A	N/A	N/A	N/A	N/A
51-020	VALVE END TO 14" PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-021	14" PIPE TO ELL WELD				
51-022	14" ELL TO PIPE WELD				
51-023	14" PIPE TO ELL WELD				
51-024	14" ELL TO PIPE WELD				
51-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
51-025	14" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119

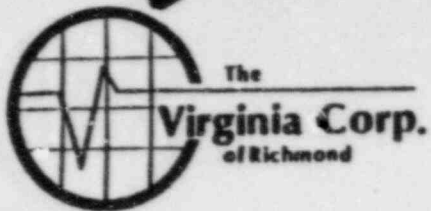


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## SHUTDOWN COOLING FROM LOOP 2, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-026	14" ELL TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-027	14" PIPE TO ELL WELD	↓	↓	↓	↓
51-028	14" ELL TO PIPE WELD	↓	↓	↓	↓
51-WS-4	WELDED SUPPORT	C-C	SURFACE	ISI-3.1	N/A
51-029	14" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
51-030	14" ELL TO PIPE WELD	↓	↓	↓	↓
51-WS-5	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
51-031	14" PIPE TO 8" PIPE WELD	C-F	SURFACE	ISI-3.1	↓
51-032	8" SWEEP. TO 8" PIPE WELD	↓	↓	↓	↓
51-033	8" PIPE TO VALVE END WELD	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-113
51-034	8" GATE VALVE 2S1-V353	N/A	N/A	N/A	N/A
51-035	8" VALVE END TO PIPE WELD	C-F	SURFACE	ISI-3.1	↓
51-036	8" PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
51-037	8" ELL TO PIPE WELD	↓	SURFACE	ISI-3.1	N/A



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-038	8" PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
51-039	8" PIPE TO PIPE WELD	↓	↓	↓	
51-WS-6	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
51-040	8" PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
51-041	8" ELL TO PIPE WELD		↓	↓	
51-042-600	2SI 1-28 FROM 2SI 8-56A TO VALVE 2SI-V640-2		EXEMPT IWC-1220 (D)	N/A	
51-043	8" PIPE TO ELL WELD		SURFACE	ISI-3.1	
51-044	8" ELL TO PIPE WELD				
51-045	8" PIPE TO 8" X 8" X 8" TEE WELD				
51-046	14" PIPE TO ELL WELD		↓	↓	↓
51-048	14" ELL TO PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
51-WS-8	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
51-WS-9	WELDED SUPPORT	↓	SURFACE	ISI-3.1	↓
51-050	14" PIPE TO PIPE WELD	C-F	↓	↓	↓

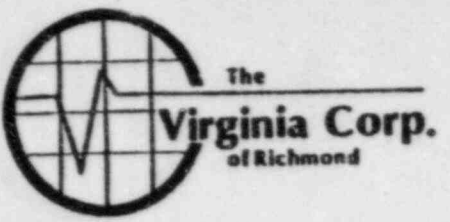


PROGRAM PLAN  
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EBASCO Services Inc.  
Louisiana Power & Light

Zone: 51Date: 3/15/83Revision: 5

## SHUTDOWN COOLING FROM LOOP 2, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-051-600	2S11-189 FROM 2S114-14A TO VALVE 2S1-V628	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
51-052	14" PIPE TO 14" ELL WELD		Vol. & Surf. *(see note)	ISI 2.7 ISI 3.1	UT-120
51-054	14" ELL TO 14" PIPE WELD		Surface	ISI 3.1	N/A
51-056	14" PIPE TO 14" ELL WELD				
51-058	14" ELL TO 14" PIPE WELD				
51-060	14" PIPE TO 14" ELL WELD				
51-062	14" ELL TO 14" PIPE WELD				
51-064	14" PIPE TO 14" ELL WELD				
51-066	14" ELL TO 14" PIPE WELD				
51-067LA-66	14" PIPE LONG. WELD				
51-067LA-069	14" PIPE LONG. WELD				
51-068-600	2S13/4-106A FROM 2S114-14A TO VALVE 2S1-R614A		EXEMPT IWC-1220 (D)	N/A	
51-069	14" PIPE TO 14" PIPE WELD		SURFACE	ISI-3.1	
51-070	14" PIPE TO 14" PIPE WELD				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 51  
Date: 3/15/83  
Revision: 5

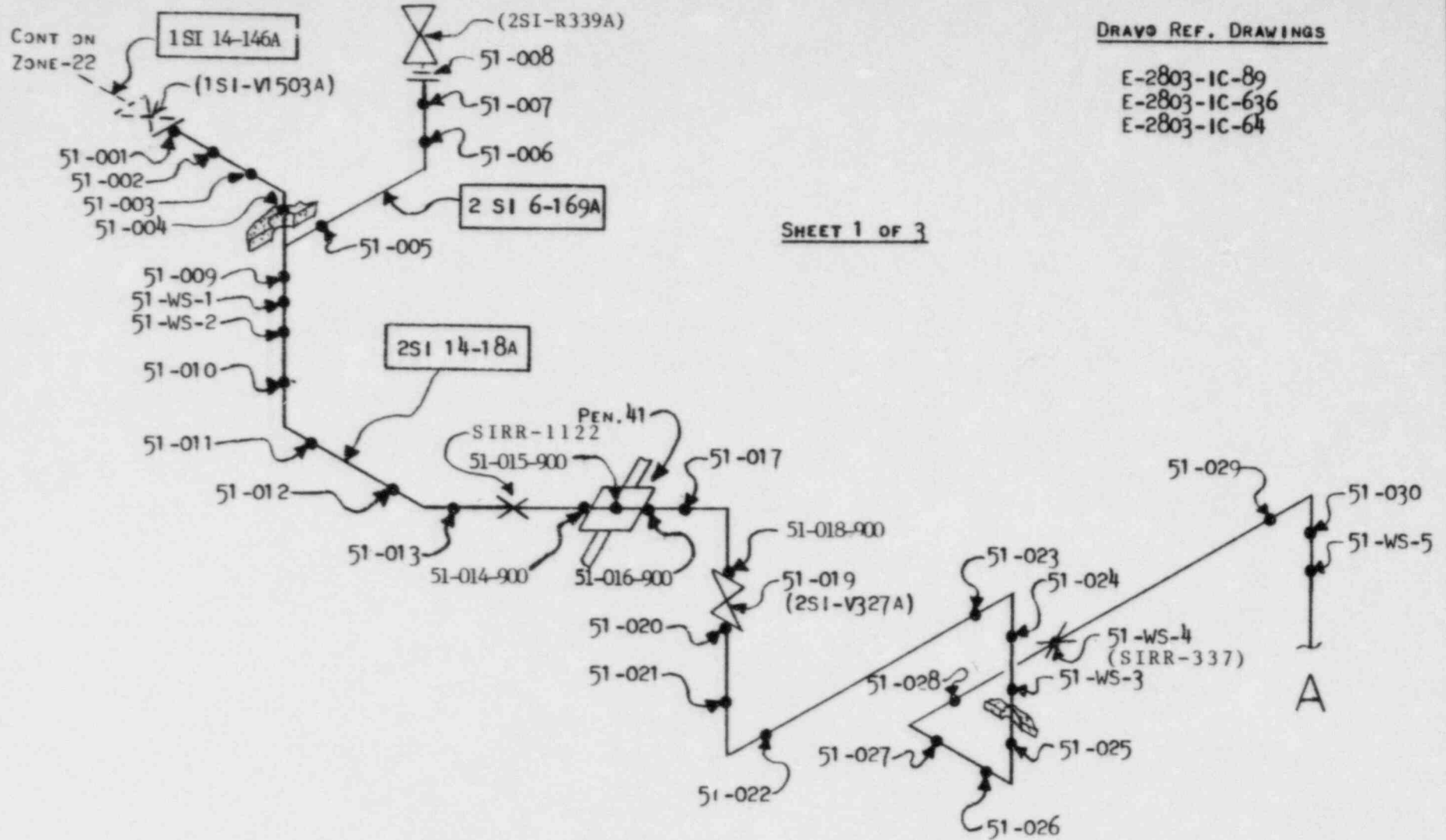
SHUTDOWN COOLING FROM LOOP 2, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
51-WS-10	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
51-071	14" PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
51-073	14" ELL TO PIPE WELD				
51-074	14" PIPE TO PIPE WELD				
51-075LA-074	14" PIPE LONG. SEAM-LONG WELD				
51-075LA-076	14" PIPE LONG. SEAM-LONG WELD				
51-076	14" PIPE TO PIPE WELD				
51-078LA-050	14" PIPE LONG. SEAM-LONG WELD				
51-078LA-052	14" PIPE LONG. SEAM-LONG WELD				
51-079LA-070	14" PIPE LONG. SEAM-LONG WELD				
51-079LA-071	14" PIPE LONG. SEAM-LONG WELD				

DRAWING REF. DRAWINGS

E-2803-IC-89  
 E-2803-IC-636  
 E-2803-IC-64

SHEET 1 OF 3

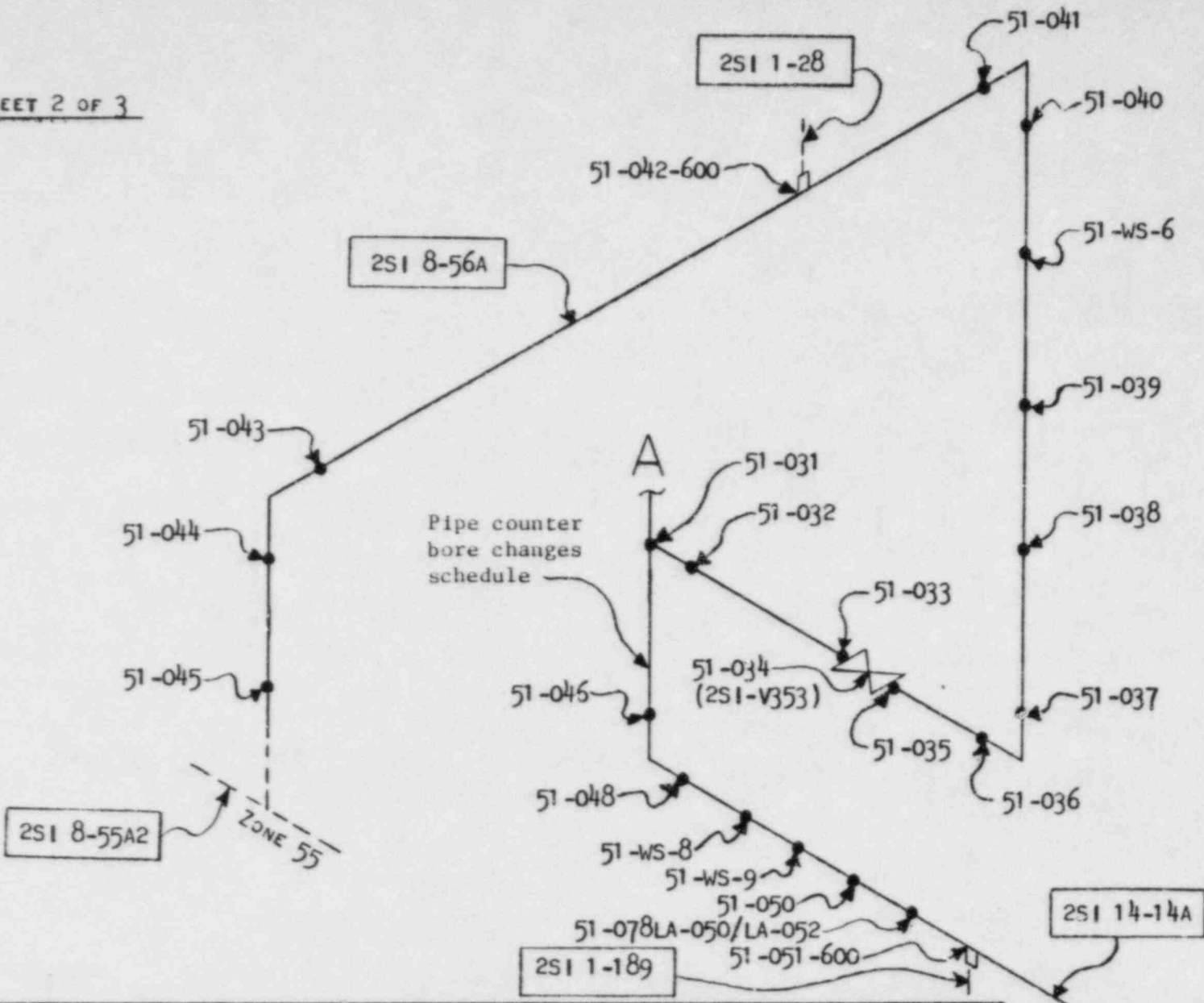


TITLE: SHUTDOWN COOLING FROM LOOP 2,  
 CLASS 2

DATE: 3-15-83  
 ZONE: 51  
 REVISION: 5



-SHEET 2 OF 3



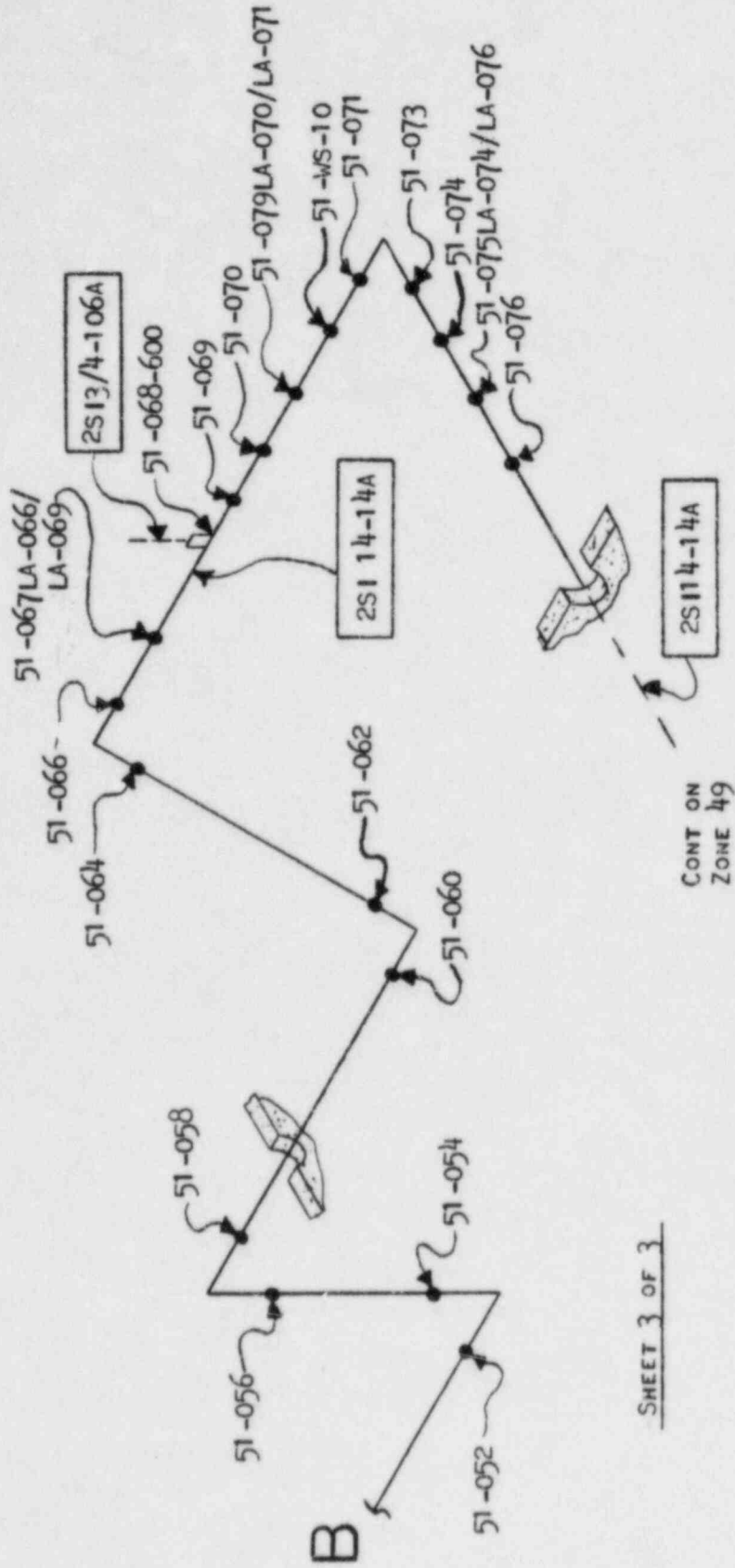
TITLE: SHUTDOWN COOLING FROM LOOP 2,  
CLASS 2


DATE: 3-15-83

ZONE: 51

REVISION: 5

B



	<p><b>TITLE:</b> SHUTDOWN COOLING FROM LOOP 2, CLASS 2</p>	<p><b>DATE:</b> 3-15-83 <b>ZONE:</b> 51 <b>REVISION:</b> 5</p>
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A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
Virginia Corp.  
of Richmond

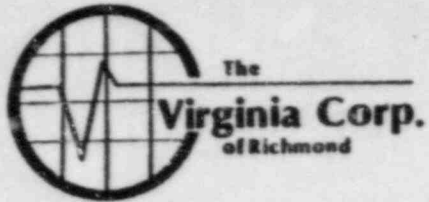
**TITLE**

Shutdown Cooling from Loop 1,  
Class II

**DATE:** 3/15/83

**ZONE:** 52

**REVISION:** 5

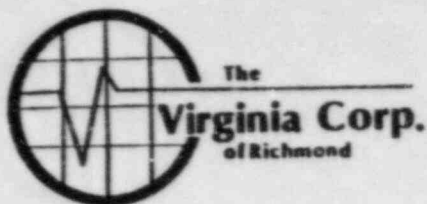


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 52Date: 3/15/83Revision: 5SHUTDOWN COOLING FROM LOOP 1, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-001	VALVE END TO 14" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
52-002	14" SCH 40 PIPE TO PIPE WELD				
52-003	14" PIPE TO ELL WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-004	14" ELL TO 14"x 14"x 6" TEE WELD		↓		↓
52-005	6"x 14"x 14" TEE TO 6" ELL WELD		VOL. & SURF. *(SEE NOTE)	↓	UT-112
52-006	6" SCH 80 ELL TO PIPE WELD		SURFACE	ISI-3.1	N/A
52-007	6" SCH 80 PIPE TO FLANGE WELD	↓	↓	↓	
52-008	6" FLANGE	N/A	N/A	N/A	↓
52-009	14"x 14"x 6" TEE TO 14" PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-010	14" PIPE TO ELL WELD				
52-012	14" ELL TO PIPE WELD				
52-013	14" PIPE TO 45 DEG. ELL WELD				
52-014	14" 45 DEG ELL TO 14" PIPE WELD				
52-015-900	14" PIPE TO CONTAINMENT PENETRATION WELD - INNER WELD				↓

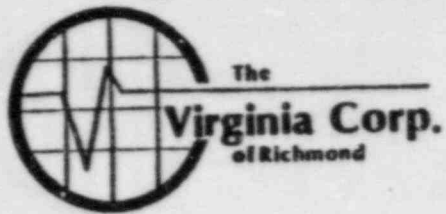
\*NOTE: " THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 52Date: 3/15/83Revision: 5SHUTDOWN COOLING FROM LOOP 1, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-016 -900	14" PIPE TO CONTAINMENT PENETRATION WELD - INTERNAL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-017 -900	14" PIPE TO CONTAINMENT PENETRATION WELD - OUTER WELD	↓	↓	↓	↓
52-018	14" PIPE TO ELL WELD	↓	↓	↓	↓
52-019-900	14" ELL TO VALVE END WELD	↓	↓	↓	↓
52-020	14" GATE VALVE 2SI-V326B	N/A	N/A	N/A	N/A
52-021	14" VALVE END TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-022	14" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-023	14" ELL TO PIPE WELD	↓	↓	↓	↓
52-WS-10	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-024	14" PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-025	14" ELL TO PIPE WELD	↓	↓	↓	↓
52-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-026	14" PIPE TO 14" X 14" X 8" TEE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119

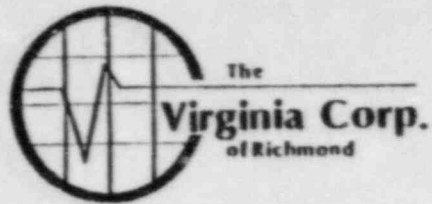


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 52Date: 3/15/83Revision: 5

## SHUTDOWN COOLING FROM LOOP 1, CLASS 2

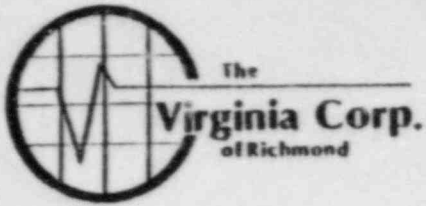
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-027	14" x 14" x 8" TEE TO 8" PIPE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
52-028	8" SCH 40 PIPE TO VALVE END WELD	↓	SURFACE	ISI-3.1	N/A
52-029	8" GATE VALVE 2SI-V346B	N/A	N/A	N/A	↓
52-030	8" VALVE END TO PIPE WELD	C-F	SURFACE	ISI-3.1	↓
52-031	8" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
52-032	8" ELL TO PIPE WELD	↓	SURFACE	ISI-3.1	N/A
52-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
52-033	8" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
52-034	8" ELL TO PIPE WELD		↓	↓	
52-035	8" SCH 40 PIPE TO PIPE WELD		↓	↓	
52-036-600	2SI 1-28 FROM 2SI 8-56B TO VALVE 2SI-V625-4		EXEMPT IWC-1220 (D)	N/A	
52-037	8" SCH 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
52-038	8" ELL TO PIPE WELD		↓	↓	
52-039	8" SCH 40 PIPE TO PIPE WELD		↓	↓	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 52Date: 3/15/83Revision: 5SHUTDOWN COOLING FROM LOOP 1, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-040	8" PIPE TO TEE WELD	C-F	SURFACE	ISI-3.1	N/A
52-041	14"x14"x8" TEE TO 14" PIPE WELD	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-119
52-WS-4	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-042	14" PIPE TO 14" ELL WELD	C-F	Surface	ISI 3.1	
52-044	14" ELL TO 14" PIPE WELD	↓	↓	↓	
52-045LA-44	14" PIPE LONG. WELD	↓	↓	↓	
52-045LA-46	14" PIPE LONG. WELD	↓	↓	↓	
52-046	14" PIPE TO 14" PIPE WELD	↓	↓	↓	
52-WS-5	WELDED LUG	C-C	↓	↓	
52-047LA-46	14" PIPE LONG. WELD	C-F	↓	↓	
52-047LA-50	14" PIPE LONG. WELD	↓	↓	↓	
52-WS-6	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
52-050	14" PIPE TO 14" PIPE WELD	C-F	SURFACE	ISI-3.1	
52-051LA-50	14" PIPE LONG. WELD	↓	↓	↓	↓



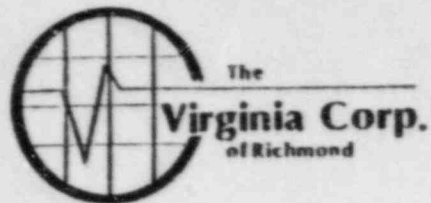
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 52  
Date: 3/15/83  
Revision: 5

SHUTDOWN COOLING FROM LOOP 1, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-051LA-52	14" PIPE LONG. WELD	C-F	SURFACE	ISI-3.1	N/A
52-052	14" PIPE TO 14" ELL WELD	↓	↓	↓	↓
52-054	14" ELL TO 14" PIPE WELD	↓	↓	↓	↓
52-055LA-54	14" PIPE LONG. WELD	↓	↓	↓	↓
52-055LA-56	14" PIPE LONG. WELD	↓	↓	↓	↓
52-056	14" PIPE TO 14" PIPE WELD	↓	↓	↓	↓
52-058	14" PIPE TO 14" PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
52-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-059LA-58	14" PIPE LONG. WELD	C-F	SURFACE	ISI-3.1	↓
52-059LA-60	14" PIPE LONG. WELD	↓	↓	↓	↓
52-060	14" PIPE TO 14" PIPE WELD	↓	↓	↓	↓
52-061LA-60	14" PIPE LONG. WELD	↓	↓	↓	↓
52-061LA-62	14" PIPE LONG. WELD	↓	↓	↓	↓
52-062	14" PIPE TO 14" PIPE WELD	↓	↓	↓	↓





PROGRAM PLAN  
Waterford III  
EPASCO Services Inc.  
Louisiana Power & Light

Zone: 52Date: 3/15/83Revision: 5

## SHUTDOWN COOLING FROM LOOP 1, CLASS 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
52-WS-8	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
52-063LA-62	14" PIPE LONG. WELD	C-F	SURFACE	ISI-3.1	
52-063LA-65	14" PIPE LONG. WELD	↓	↓	↓	
52-064-600	2S13/4-106B FROM 2S114-14B TO VALVE 2S1-R612B	↓	EXEMPT IWC-1220 (D)	N/A	
52-065	14" PIPE TO 14" PIPE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-120
52-066LA-65	14" PIPE LONG. WELD	↓	SURFACE	ISI-3.1	N/A
52-066LA-67	14" PIPE LONG. WELD	↓	↓	↓	
52-067	14" PIPE TO PIPE WELD	↓	↓	↓	
52-WS-9	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
52-068LA-67	14" PIPE LONG. WELD	C-F	SURFACE	ISI-3.1	
52-068LA-69	14" PIPE LONG. WELD	↓	↓	↓	
52-069	14" PIPE TO 14" PIPE WELD	↓	↓	↓	
52-070LA-69	14" PIPE LONG. WELD	↓	↓	↓	
52-070LA-71	14" PIPE LONG. WELD	↓	↓	↓	↓

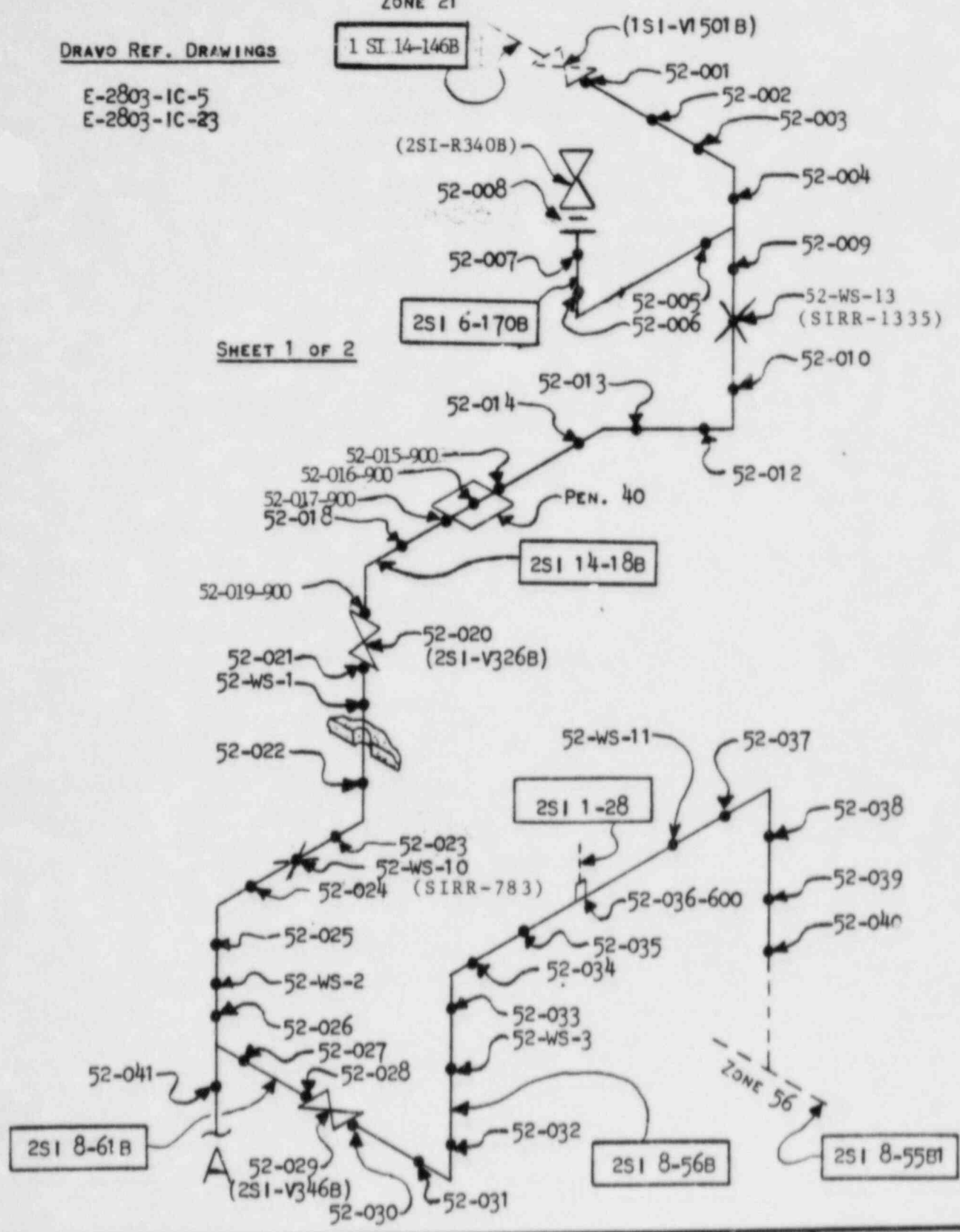


DRAWO REF. DRAWINGS

E-2803-IC-5  
E-2803-IC-23

SHEET 1 OF 2

CONT ON  
ZONE 21

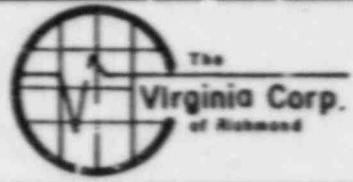
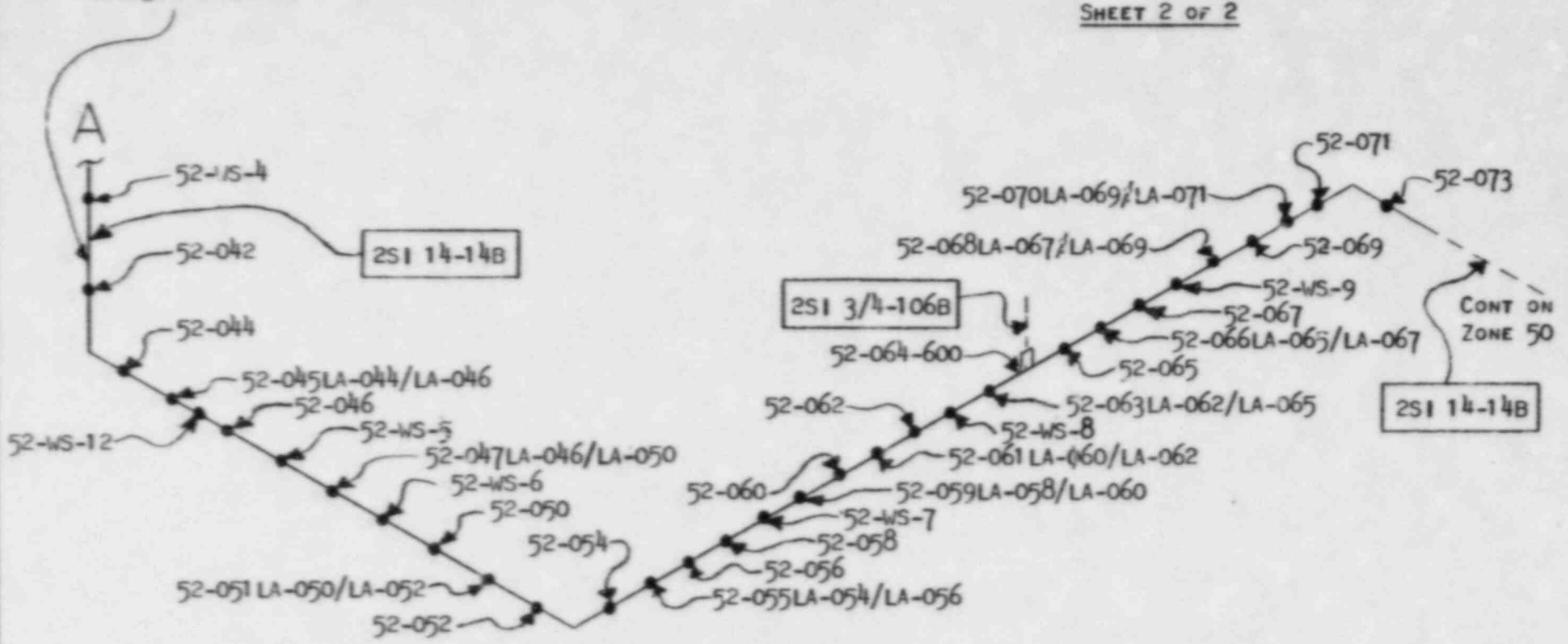


TITLE  
SHUTDOWN COOLING FROM LOOP 1,  
CLASS 2

DATE: 3-15-83  
ZONE: 52  
REVISION: 5

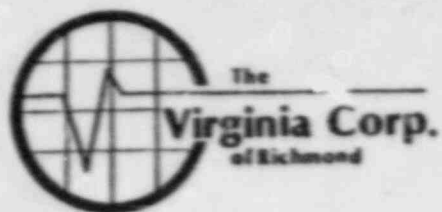
Pipe counter bore changes schedule

SHEET 2 of 2



TITLE: SHUTDOWN COOLING FROM LOOP 1,  
CLASS 2

DATE: 3-15-83  
 ZONE: 52  
 REVISION: 5



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

Shutdown Cooling A - IPSI Pump to A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-001	Flange to 8" SCH 40 Pipe Weld	C-F	Surface	ISI-3.1	N/A
53-002-600	2SI 1-28 from 2SI 8-33A to valve 2SI-V625-14		EXEMPT IWC-1220 (D)	N/A	↓
53-003	8" SCH 40 pipe to ell weld		Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-113
53-004	Ell to 8" SCH 40 pipe weld		Surface	ISI-3.1	N/A
53-005-600	2SI 2-60A from 2SI 8-33A to valve 2SI-V1589A		EXEMPT IWC-1220 (D)	N/A	↓
53-006	8" sch 40 pipe to ell weld		Surface	ISI-3.1	↓
53-007	Ell to 8" SCH 40 pipe weld	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-113
53-WS-4	Welded support	C-C	EXEMPT (less than 3/4")	N/A	N/A
53-008	8" SCH 40 pipe to 8" pipe weld	C-F	Surface	ISI-3.1	
53-WS-5	Welded support	C-C	EXEMPT (less than 3/4")	N/A	
53-009	8" pipe to 8" check valve weld	C-F	Surface	ISI-3.1	
53-010	8" check valve 2SI-V333A	N/A	N/A	N/A	
53-011	8" check valve to 8" pipe weld	C-F	Surface	ISI-3.1	
53-012-600	2SI 1-28 from 2SI 8-33A to valve 2SI-V625-15	↓	EXEMPT IWC-1220 (D)	N/A	↓

\*NOTE: The requirements of paragraph (B)(2)(IV) of 10 CFR 50.55A apply to this zone.

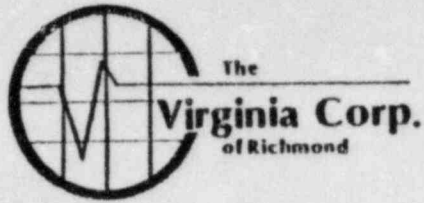


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

## SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-013	8" SCH. 40 PIPE TO GATE VALVE WELD	C-F	SURFACE	ISI-3.1	N/A
53-014	8" GATE VALVE 2SI-V309A	N/A	N/A	N/A	
53-015	8" GATE VALVE TO 8" SCH. 40 PIPE	C-F	SURFACE	ISI-3.1	
53-016	8" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	
53-017	ELL TO 8" SCH. 40 PIPE WELD	↓	↓	↓	
53-018	8" SCH. 40 PIPE TO 10"x10"x8" TEE WELD	↓	↓	↓	
53-019	10"x10"x8" TEE TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
53-020-600	2SI 1-28 FROM 2SI 10-184A TO VALVE 2SI-V625-19	↓	EXEMPT IWC-1220 (D)	N/A	
53-WS-6	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	↓	
53-021	10" SCH. 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
53-022	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
53-023	10" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	
53-024	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
53-025-600	2SI 1-28 FROM 2SI 10-184A TO VALVE 2SI-V642-1	↓	EXEMPT IWC-1220 (D)	N/A	↓

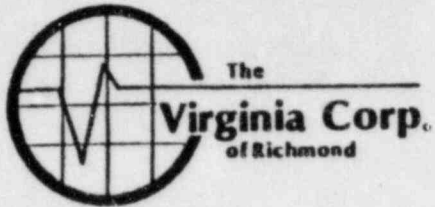


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

## SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-026-600	2SI 1-28 FROM 2SI 10-184A TO VALVE 2SI-V625	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
53-027	10" PIPE TO 10" CHECK VALVE	↓	SURFACE	ISI-3.1	
53-028	CHECK VALVE 2SI-FM317A	N/A	N/A	N/A	
53-029	10"x10"x8" TEE TO 10" GATE VALVE	C-F	SURFACE	ISI-3.1	
53-030	10" GATE VALVE 2SI-V306A	N/A	N/A	N/A	
53-031	GATE VALVE TO 10" SCH. 40 PIPE	C-F	SURFACE	ISI-3.1	
53-032-600	10" SCH. 40 PIPE TO COUP. WELD		EXEMPT IWC-1220 (D)	N/A	
53-033	10" SCH. 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
53-034	ELL TO 10" SCH. 40 PIPE WELD				
53-035	10" SCH. 40 PIPE TO TEE WELD				
53-036	TEE TO 10" SCH. 40 PIPE WELD				
53-037	10" PIPE TO 10" CHECK VALVE	↓	↓	↓	
53-038	10" CHECK VALVE 2CS-V301A	N/A	N/A	N/A	
53-039	10" CHECK VALVE TO 10" PIPE	C-F	SURFACE	ISI-3.1	↓

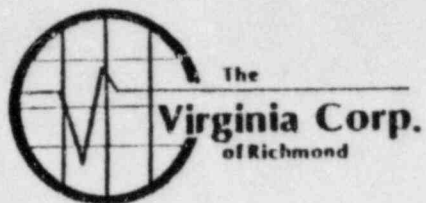


**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-WS-7	Welded support	C-C	EXEMPT IWC-1220 (D)	N/A	N/A
53-WS-8	Welded support	↓	↓	↓	↓
53-WS-9	Welded support	↓	↓	↓	↓
53-040	10" SCH 40 pipe to 10" pipe	C-F	Surface	ISI-3.1	↓
53-041	10" SCH 40 pipe to 10" pipe	↓	↓	↓	↓
53-042	10" SCH 40 pipe to 10" pipe	↓	↓	↓	↓
53-043	10" SCH 40 pipe to ell weld	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115
53-044	Ell to 10" SCH 40 pipe weld	↓	Surface	ISI-3.1	N/A
53-WS-10	Welded support	C-C	EXEMPT (less than 3/4")	N/A	↓
53-045	10" SCH 40 pipe to 10" pipe	C-F	Surface	ISI-3.1	↓
53-046	10" SCH 40 pipe to 10" pipe	↓	↓	↓	↓
53-047	10" SCH 40 pipe to 10" pipe	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115
53-048	10" SCH 40 pipe to ell weld	↓	Surface	ISI-3.1	N/A
53-049	Ell to 10" SCH 40 pipe weld	↓	↓	↓	↓





PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

## SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-050	10" SCH. 40 PIPE TO 10" PIPE	C-F	SURFACE	ISI-3.1	N/A
53-051	10" SCH. 40 PIPE TO 10" PIPE		↓	↓	↓
53-052	10" SCH. 40 PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
53-053	ELL TO 10" SCH. 40 PIPE WELD		SURFACE	ISI-3.1	N/A
53-054-600	2CS 2-23A FROM 2CS 10-8A TO VALVE 2CS-V1501A		EXEMPT IWC-1220 (D)	N/A	
53-055-600	2CS 1-32 FROM 2CS 10-8A TO VALVE 2CS-V603-2		↓	↓	
53-056-600	2CS 1-32 FROM 2CS 10-8A TO VALVE 2CS-V603-1		↓	↓	
53-057	10" PIPE TO 10"x6" RED. WELD		SURFACE	ISI-3.1	↓
53-058	10"x6" RED. TO 6" FLANGE		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-112
53-060	6" FLANGE	N/A	N/A	N/A	
53-061	10" TEE TO 10" SCH. 40 PIPE	C-F	SURFACE	ISI-3.1	
53-062-600	2CS 1-32 FROM 2CS 10-9A TO VALVE 2CS-V604		EXEMPT IWC-1220 (D)	N/A	
53-063-600	TE-CS 7111AS FROM 2CS 10-9A TO INST.		↓	↓	
53-064-600	2CS 2-43 FROM 2CS 10-9A TO VALVE 2CS-V606-2		↓	↓	↓

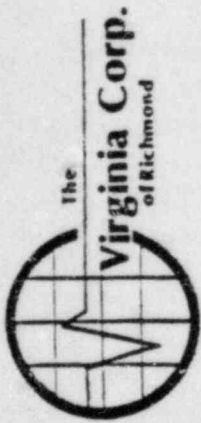


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 53Date: 3/15/83Revision: 5

## SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-065	10" SCH. 40 PIPE TO ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
53-066	ELL TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
53-067	10" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	↓
53-068	ELL TO 10" SCH. 40 PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
53-WS-11	WELDED SUPPORT	C-C	EXEMPT IWC-1220 (D)	N/A	N/A
53-069	10" SCH. 40 PIPE TO 10" PIPE	C-F	SURFACE	ISI-3.1	
53-070	10" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	
53-071	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
53-072	10" SCH. 40 PIPE TO 10" PIPE	↓	↓	↓	
53-073-600	2CS 1-32 FROM 2CS 10-9A TO VALVE 2CS-V604-9	↓	EXEMPT IWC-1220 (D)	N/A	
53-074	10" SCH. 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	
53-075	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
53-076-600	2CS 1-32 FROM 2CS 10-9A TO VALVE 2CS-V603-3	↓	EXEMPT IWC-1220 (D)	N/A	
53-077	12"x10" RED. TO 10" PIPE WELD	↓	SURFACE	ISI-3.1	↓

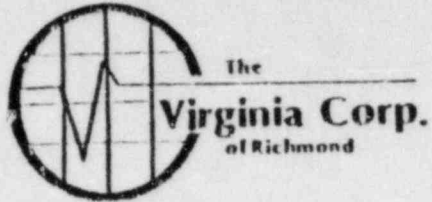


PROGRAM PLAN  
Waterford III  
ERASCO Services Inc.  
Louisiana Power & Light

Zone: 53  
Date: 3/15/83  
Revision: 5

SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-078	12"x10" RED. TO NOZZLE WELD	C-F	SURFACE	ISI-3.1	N/A
53-079	SDCHX SHELL TO FLANGE WELD	C-A	VOL.	ISI-2.2	UT-25
53-080	SDCHX SHELL TO TUBE SHEET WELD				
53-081-600	SDCHX VENT CONN. NOZZLE TO COUP. WELD	C-F	EXEMPT IWC-1220 (b)	N/A	N/A
53-082-600	SDCHX VENT CONN. NOZZLE TO COUP. WELD				
53-083-600	SDCHX DRAIN NOZZLE TO COUP. WELD				
53-084-600	SDCHX DRAIN NOZZLE TO COUP. WELD				



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Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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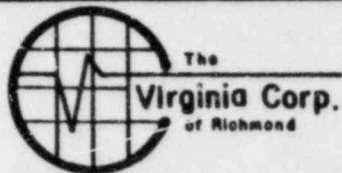
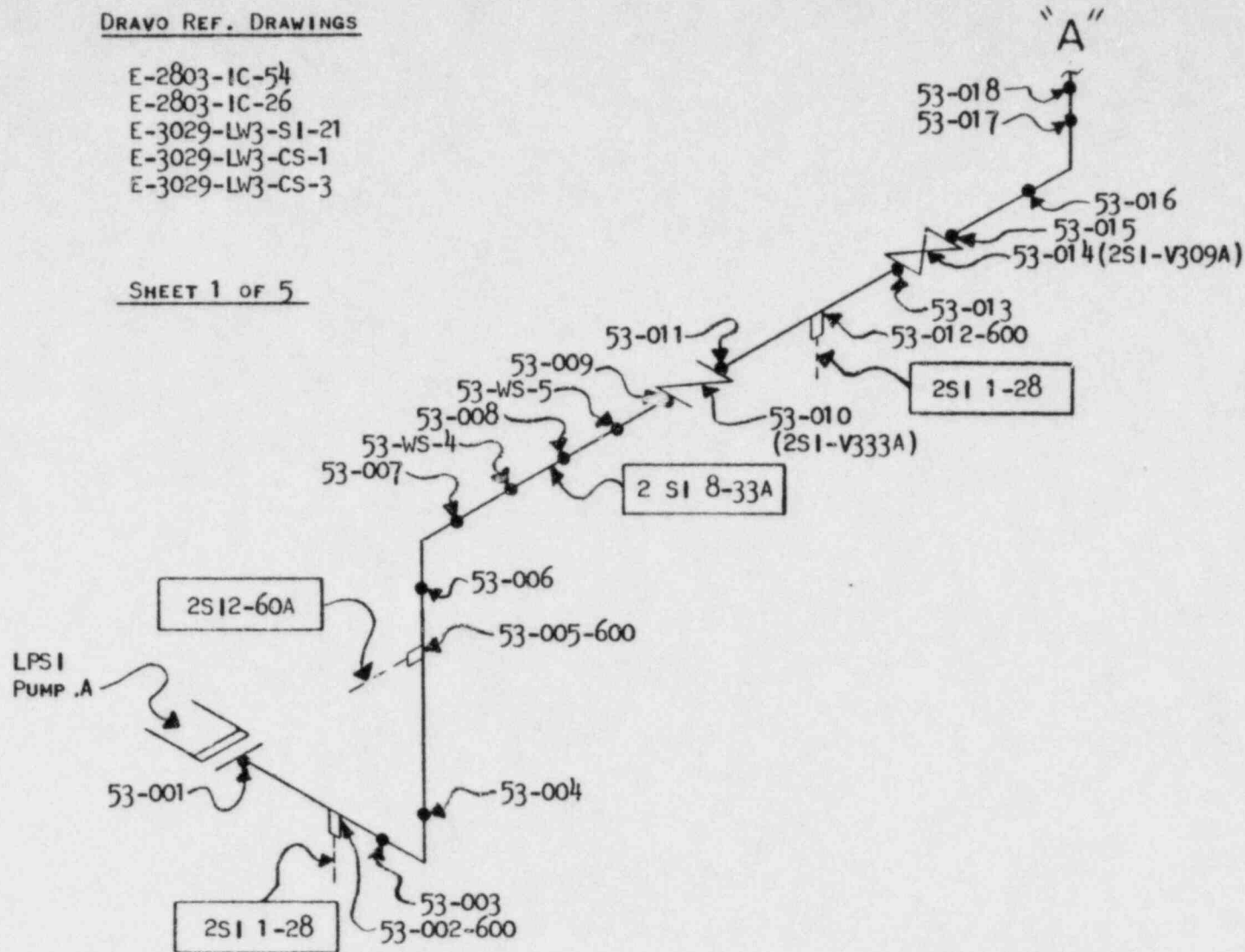
## SHUTDOWN COOLING A - LPSI PUMP TO A SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
53-085	SDCHX SHELL LONG. WELD	N/A	N/A	N/A	N/A
53-086	TOP NOZZLE TO SHELL WELD	C-B	VOL.	ISI-2.2	(SEE NOTE B)
53-087	BOTTOM NOZZLE TO SHELL WELD	↓	↓	↓	↓
53-088	REINFORCING RING TO NOZZLE WELD	C-C	SURFACE	ISI-3.1	N/A
53-089	REINFORCING RING TO SHELL WELD	↓	↓	↓	↓
53-090	REINFORCING RING TO NOZZLE WELD	↓	↓	↓	↓
53-091	REINFORCING RING TO SHELL WELD	↓	↓	↓	↓
53-092	SDCHX ASSEMBLY	N/A	N/A	N/A	↓
NOTE: B	WELDS ARE COMPLETELY INACCESSIBLE DUE TO REINFORCING RINGS.				

DRAVO REF. DRAWINGS

- E-2803-IC-54
- E-2803-IC-26
- E-3029-LW3-SI-21
- E-3029-LW3-CS-1
- E-3029-LW3-CS-3

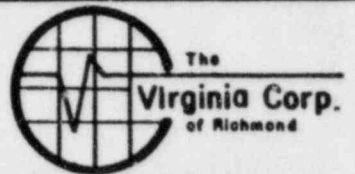
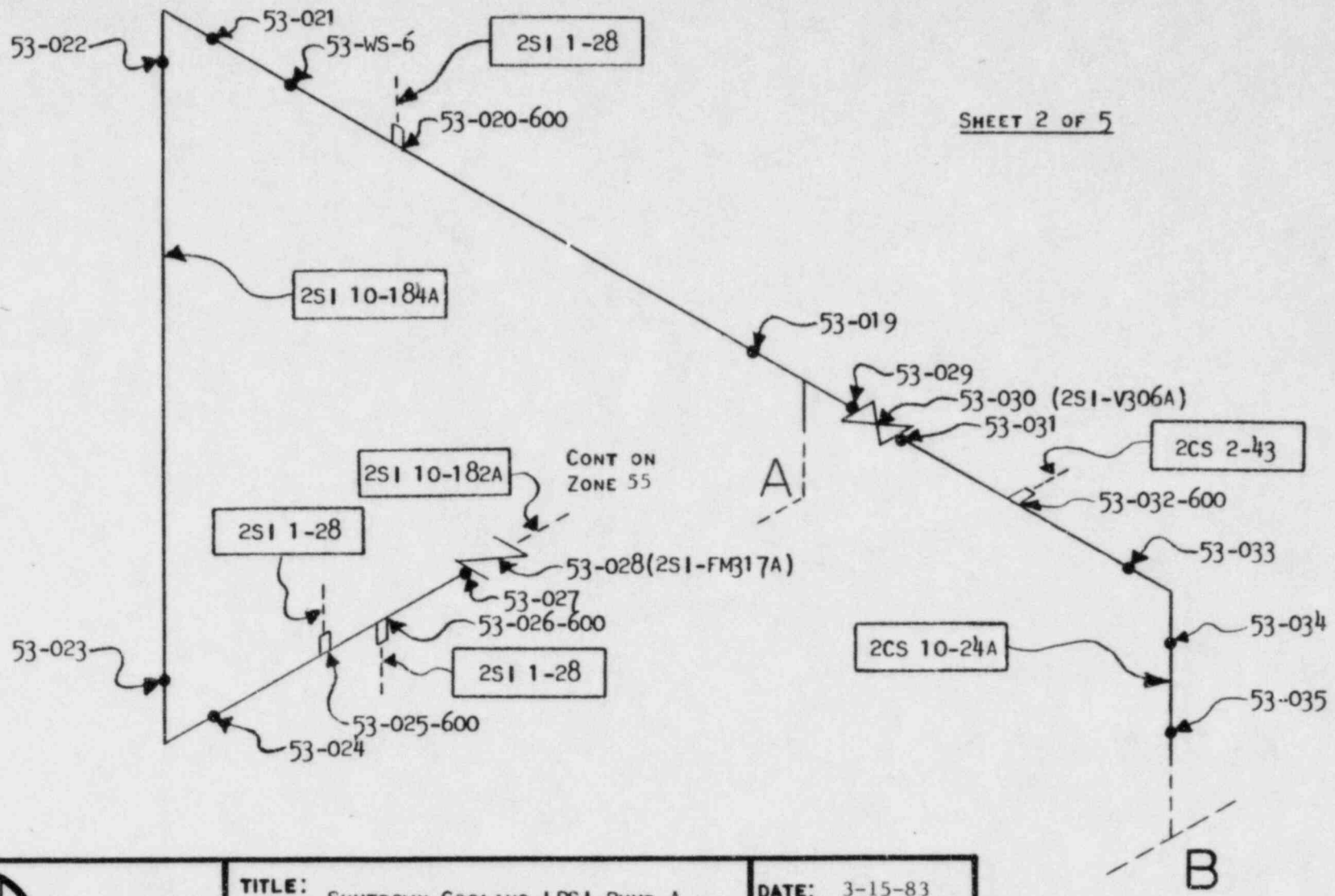
SHEET 1 OF 5



**TITLE:**  
 SHUTDOWN COOLING LPSI PUMP A  
 TO SDCHX A

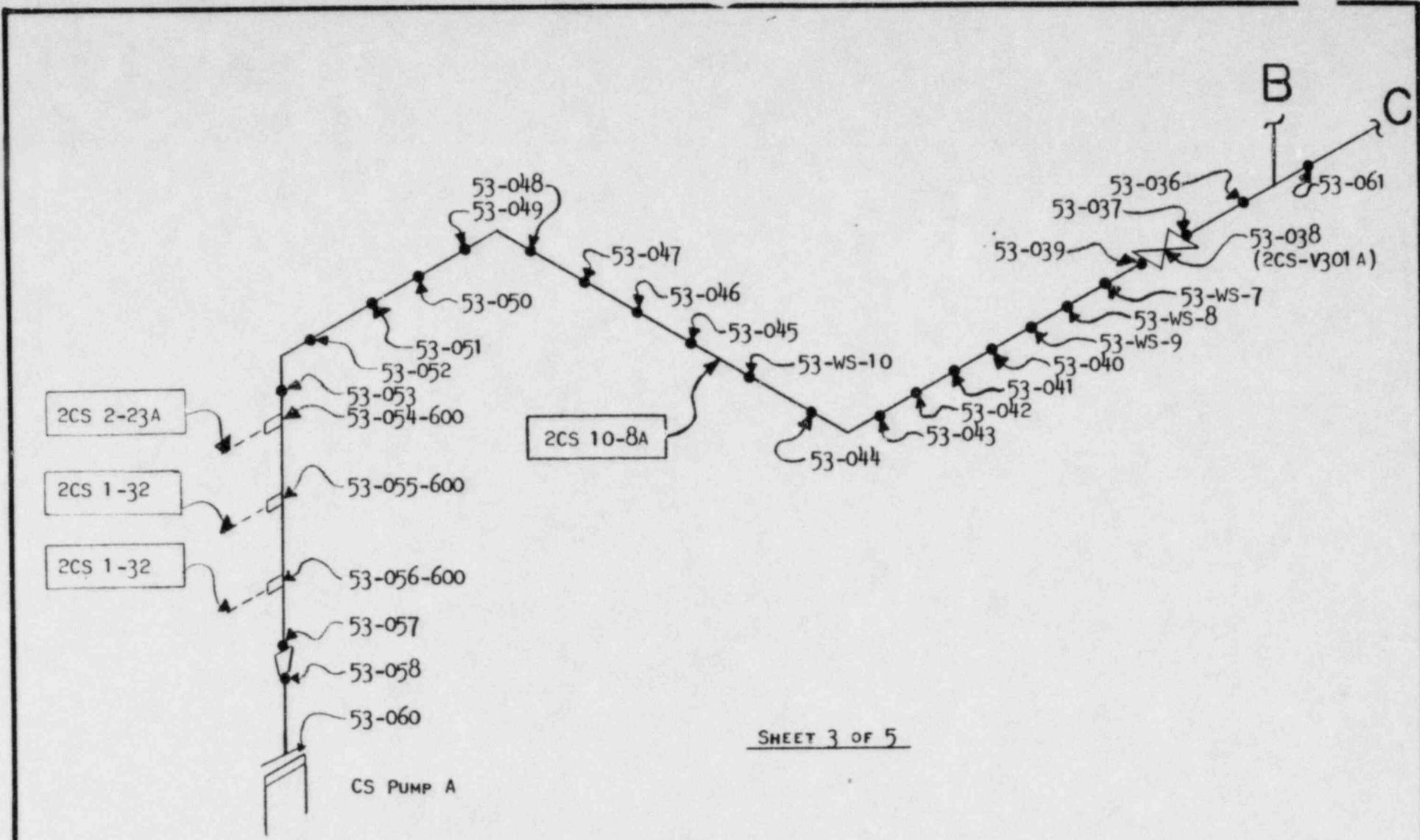
**DATE:** 3-15-83  
**ZONE:** 53  
**REVISION:** 5

SHEET 2 OF 5



**TITLE:** SHUTDOWN COOLING LPSI PUMP A  
TO SDCHX A

**DATE:** 3-15-83  
**ZONE:** 53  
**REVISION:** 5

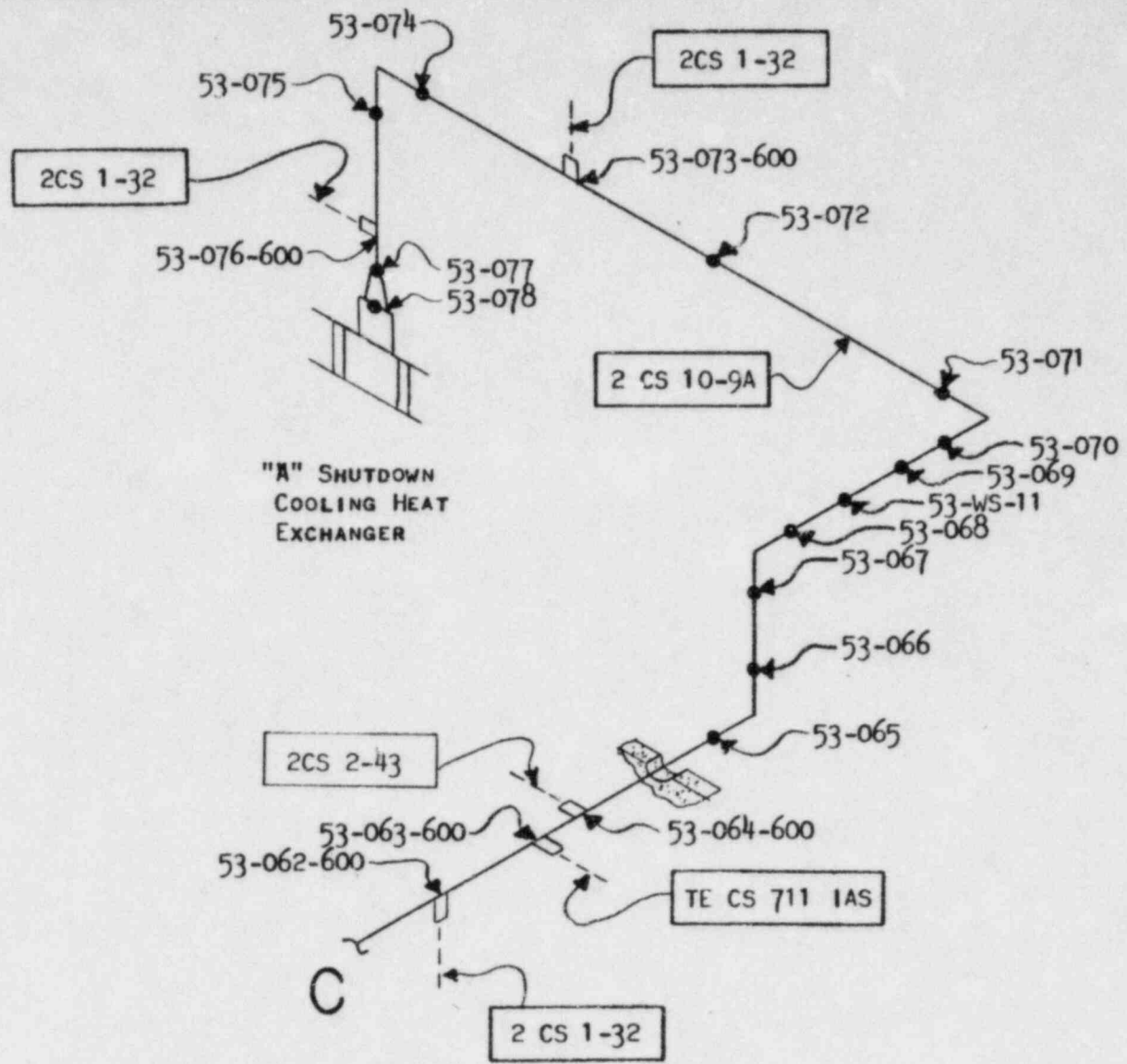


SHEET 3 OF 5

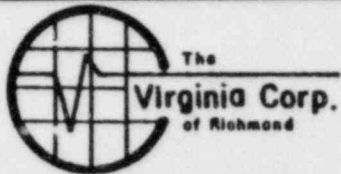


TITLE: SHUTDOWN COOLING LPSI PUMP A  
TO SDCHX A

DATE: 3-15-83  
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REVISION: 5



SHEET 4 OF 5

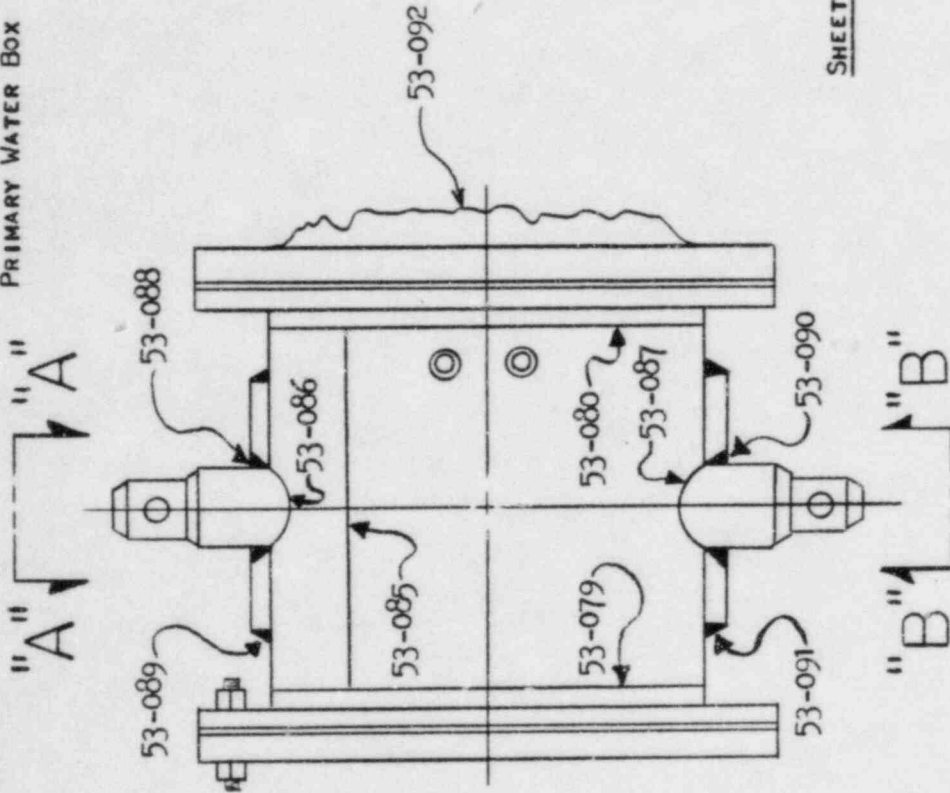
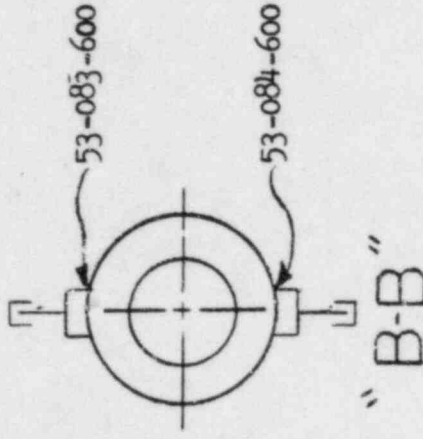
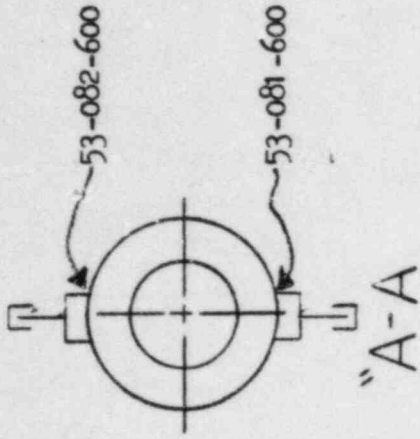


TITLE: SHUTDOWN COOLING LPSI PUMP A  
TO SDCHX A

DATE: 3-15-83  
 DRAWING NO: 53  
 REVISION: 5



SHUTDOWN COOLING HEAT EXCHANGER  
PRIMARY WATER BOX "A"

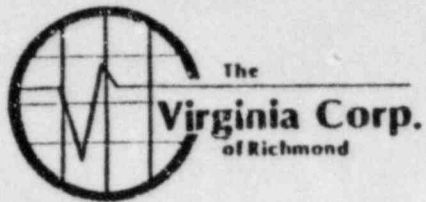


SHEET 5 OF 5

DATE: 3-15-83
ZONE: 53
REVISION: 5

TITLE: SHUTDOWN COOLING LPSI PUMP A  
TO SDCHX A





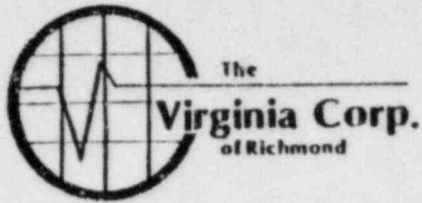
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 54Date: 3/15/83Revision: 5

## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-001	FLANGE TO 8" SCH. 40 PIPE	C-F	SURFACE	ISI-3.1	N/A
54-002-600	2SI 1-28 FROM 2SI 8-33B TO VALVE 2SI-V625-17	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-WS-1	4 WELDED LUGS	C-C	EXEMPT (LESS THAN 3/4")	↓	↓
54-003	8" PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	↓
54-005	ELL TO 8" SCH. 40 PIPE WELD	↓	↓	↓	↓
54-006-600	2SI 2-60B FROM 2SI 8-33B TO VALVE 2SI-V1590B	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-007	8" PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
54-009	ELL TO 8" PIPE WELD	↓	SURFACE	ISI-3.1	N/A
54-WS-3	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
54-010	8" SCH. 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	↓
54-011	8" PIPE TO 8" CHECK VALVE WELD	↓	↓	↓	↓
54-012	8" CHECK VALVE 2SI-V334B	N/A	N/A	N/A	↓
54-013	8" CHECK VALVE TO 8" PIPE WELD	C-F	SURFACE	ISI-3.1	↓
54-014-600	2SI 1-28 FROM 2SI 8-33B TO VALVE 2SI-V625-18	↓	EXEMPT IWC-1220 (D)	N/A	↓

\*NOTE: "THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".

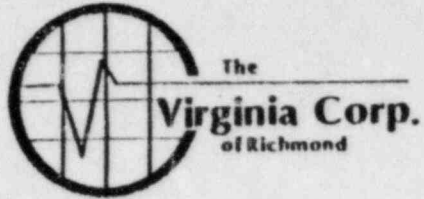


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 54Date: 3/15/83Revision: 5

## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-015	8" PIPE TO GATE VALVE WELD	C-F	SURFACE	ISI-3.1	N/A
54-016	8" GATE VALVE 2SI-V310B	N/A	N/A	N/A	↓
54-017	8" GATE VALVE TO 8" PIPE WELD	C-F	SURFACE	ISI-3.1	
54-018	8" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	
54-020	8" ELL TO 8" PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
54-021	8" PIPE TO 10"x10"x8" TEE WELD	↓	SURFACE	ISI-3.1	N/A
54-022	10"x10"x8" TEE TO 8" GATE VALVE	↓	↓	↓	↓
54-023	10" GATE VALVE 2SI-V305B	N/A	N/A	N/A	
54-024	10" GATE VALVE TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	
54-025-600	COUP. TO 10" PIPE	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-025-601	COUP. TO PLUG WELD	↓	↓	↓	
54-026	10" PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	
54-027	10" PIPE TO TEE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
54-028	10" TEE TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A

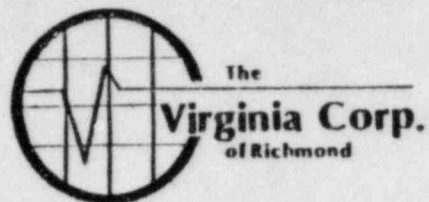


PROGRAM PLAN  
Waterford III  
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## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-029	10" PIPE TO 10" CHECK VALVE WELD	C-F	SURFACE	ISI-3.1	N/A
54-030	10" STOP CHECK VALVE 2CS-V302B	N/A	N/A	N/A	
54-031	10" STOP VALVE TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	
54-WS-4	2 WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
54-032	10" SCH. 40 PIPE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	
54-033	10" PIPE TO 10" PIPE WELD				
54-034	10" PIPE TO ELL WELD				
54-035	ELL TO 10" SCH. 40 PIPE WELD				
54-036	10" PIPE TO 10" PIPE WELD				
54-037	10" PIPE TO ELL WELD				
54-038	10" ELL TO 10" ELL WELD SCH. 40				
54-039	ELL TO 10" SCH. 40 PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
54-040-600	2CS 2-23B FROM 2CS 10-8B TO VALVE 2CS-V1502B		EXEMPT IWC-1220 (D)	N/A	N/A
54-041-600	2CS 1-32 FROM 2CS 10-8B TO VALVE 2CS-V603-5				

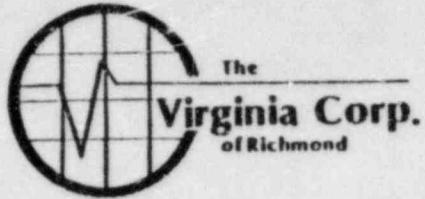


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-042-600	2CS 1-32 FROM 2CS 10-8B TO VALVE 2CS-V603-4	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
54-043	10" PIPE TO 10"x6" RED. WELD	↓	SURFACE	ISI-3.1	↓
54-044	10"x6" RED. TO FLANGE WELD	↓	↓	↓	↓
54-045	6" FLANGE	N/A	N/A	N/A	↓
54-046	10"x10"x8" TEE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	↓
54-047-600	2CS 1-32 FROM 2CS 10-9B TO VALVE 2CS-V604-10	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-048-600	COUP. TO 10" PIPE WELD	↓	↓	↓	↓
54-048-601	INST. TE-CS-7111 BS	↓	↓	↓	↓
54-049-600	2CS 2-47 FROM 2CS 10-9B	↓	↓	↓	↓
54-050	10" SCH. 40 PIPE TO ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
54-051	10" ELL TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
54-052	10" SC. 40 PIPE TO ELL WELD	↓	↓	↓	↓
54-053	10" ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	↓
54-WS-5	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-054	10" SCH. 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	N/A
54-055	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	↓
54-056	10" PIPE TO 10" PIPE WELD	↓	↓	↓	↓
54-057-600	2CS 1-32 FROM 2CS 10-9B TO VALVE 2CS-V604-11	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-058	10" SCH. 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	↓
54-059	10" ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	↓
54-WS-6	4 WELDED LUGS	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
54-060-600	2CS 1-32 FROM 2CS 10-9B TO VALVE 2CS-V603-6	C-F	EXEMPT IWC-1220 (D)	N/A	↓
54-061	10" SCH. 40 PIPE TO 12"x10" RED. WELD	↓	SURFACE	ISI-3.1	↓
54-062	NOZZLE TO 12"x10" RED. WELD	↓	↓	↓	↓
54-063	10"x10"x8" TEE TO 10" PIPE WELD	↓	↓	↓	↓
54-064-600	2SI 1-28 FROM 2SI 10-184B TO VALVE 2SI-V625-13	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
54-065	10" SCH. 40 PIPE TO 10" PIPE	C-F	SURFACE	ISI-3.1	↓



PROGRAM PLAN  
Waterford II  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 54Date: 3/15/83Revision: 5

## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-066	10" SCH. 40 PIPE TO 10" ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
54-067	10" ELL TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
54-068	10" SCH. 40 PIPE TO 10" ELL WELD	↓	↓	↓	↓
54-069	10" ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	↓
54-070-600	2SI 1-28 FROM 2SI 10-184B TO VALVE 2SI-V635-20	↓	EXEMPT IWC-1220 (D)	N/A	↓
54-071-600	2SI 1-28 FROM 2SI 10-184B TO VALVE 2SI-V609-21	↓	↓	↓	↓
54-072	10" PIPE TO BUTTERFLY VALVE WELD	↓	SURFACE	ISI-3.1	↓
54-073	VALVE 2SI-FM348B	N/A	N/A	N/A	↓
54-074	SDCHX SHELL TO FLANGE WELD	C-A	VOL.	ISI-2.2	UT-25
54-075	SDCHX SHELL TO TUBE SHEET WELD	↓	↓	↓	↓
54-076-600	SDCHX VENT CONN. NOZZLE TO COUP. WELD	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
		↓	↓	↓	↓
		↓	↓	↓	↓
54-077-600	SDCHX VENT CONN. NOZZLE TO COUP. WELD	↓	↓	↓	↓



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## SHUTDOWN COOLING B - LPSI PUMP TO B SDCHX

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
54-078-600	SDCHX DRAIN NOZZLE TO COUP. WELD	C-F	EXEMPT IWC-1220 (D)	N-A	N-A
54-079-600	SDCHX DRAIN NOZZLE TO COUP. WELD	↓	↓	↓	↓
54-080	SDCHX SHELL LONG. WELD	N/A	N/A	N/A	↓
54-081	TOP NOZZLE TO SHELL WELD	C-B	VOL.	ISI-2.2	(SEE NOTE B)
54-082	BOTTOM NOZZLE TO SHELL WELD	↓	↓	↓	↓
54-083	REINFORCING RING TO NOZZLE WELD	C-F	SURFACE	ISI-3.1	N/A
54-084	REINFORCING RING TO SHELL WELD	↓	↓	↓	↓
54-085	REINFORCING RING TO NOZZLE WELD	↓	↓	↓	↓

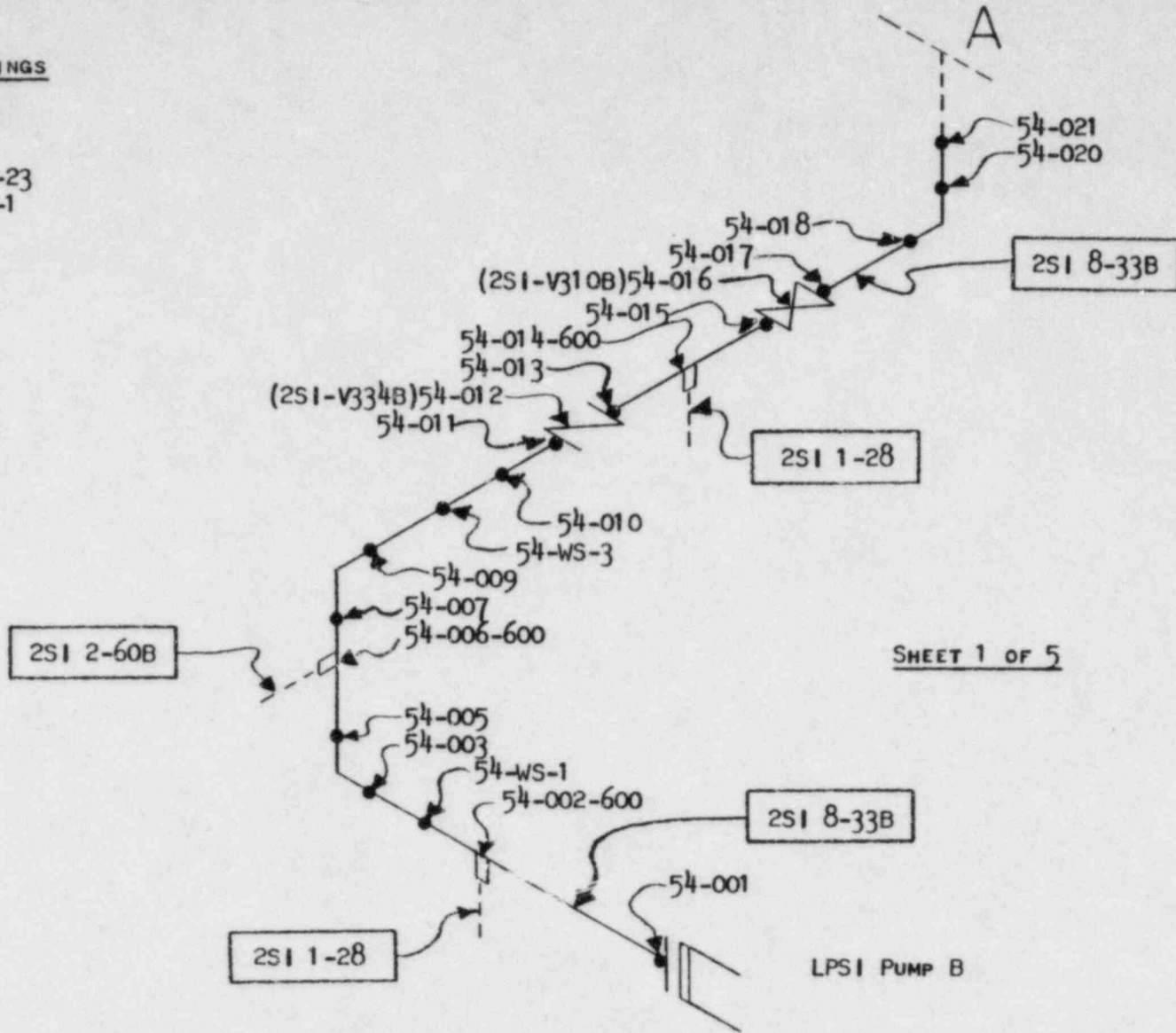
NOTE B: WELDS ARE COMPLETELY INACCESSABLE DUE TO REINFORCING RING.



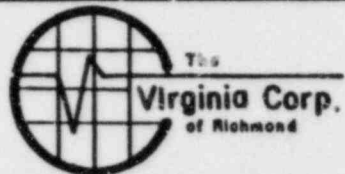


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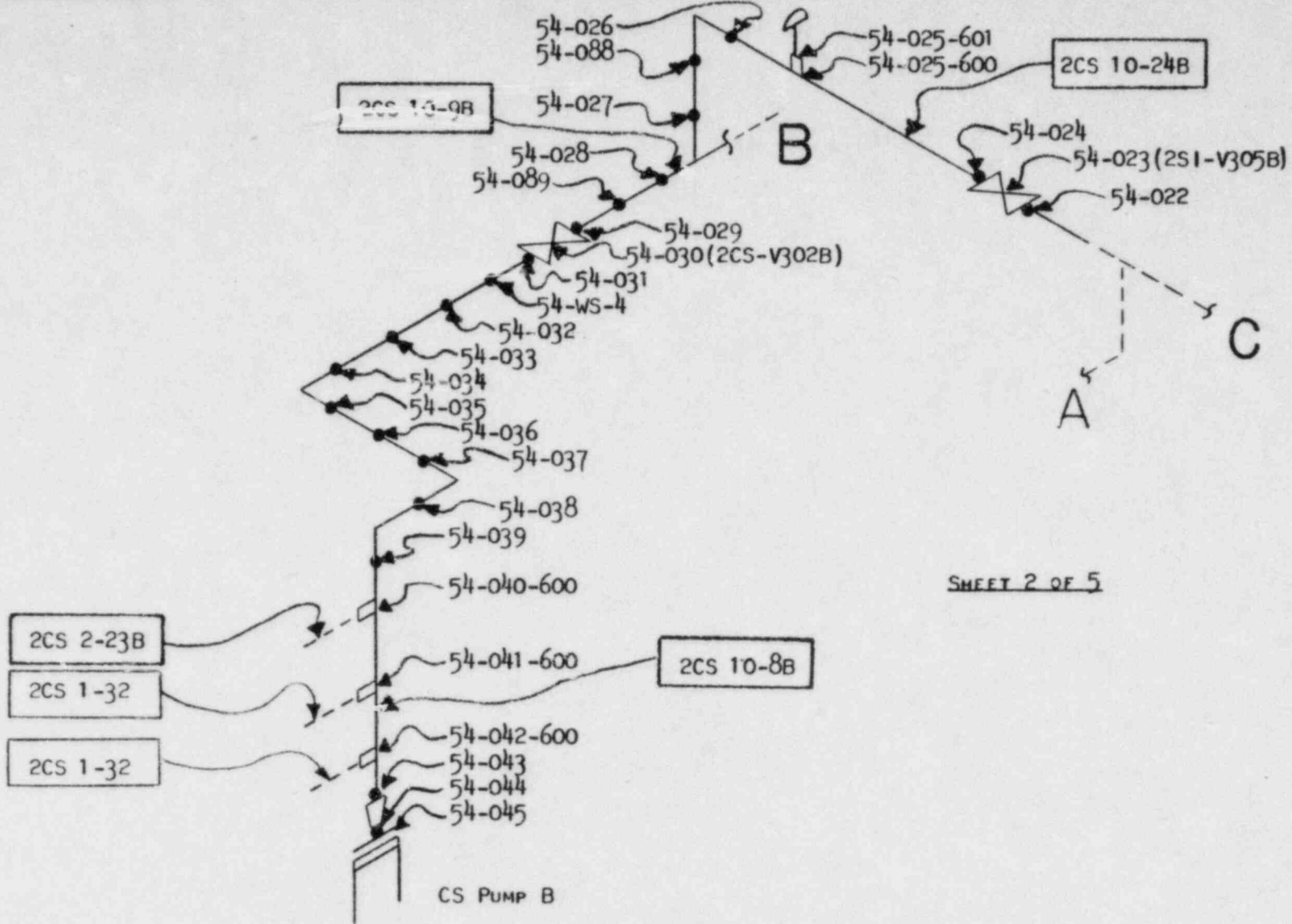


SHEET 1 OF 5



TITLE: SHUTDOWN COOLING LPSI PUMP B  
 TO SDCHX B

DATE: 3-15-83  
 ZONE: 54  
 REVISION: 5



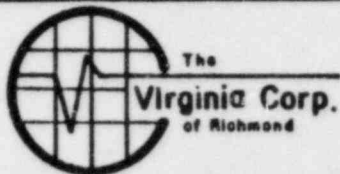
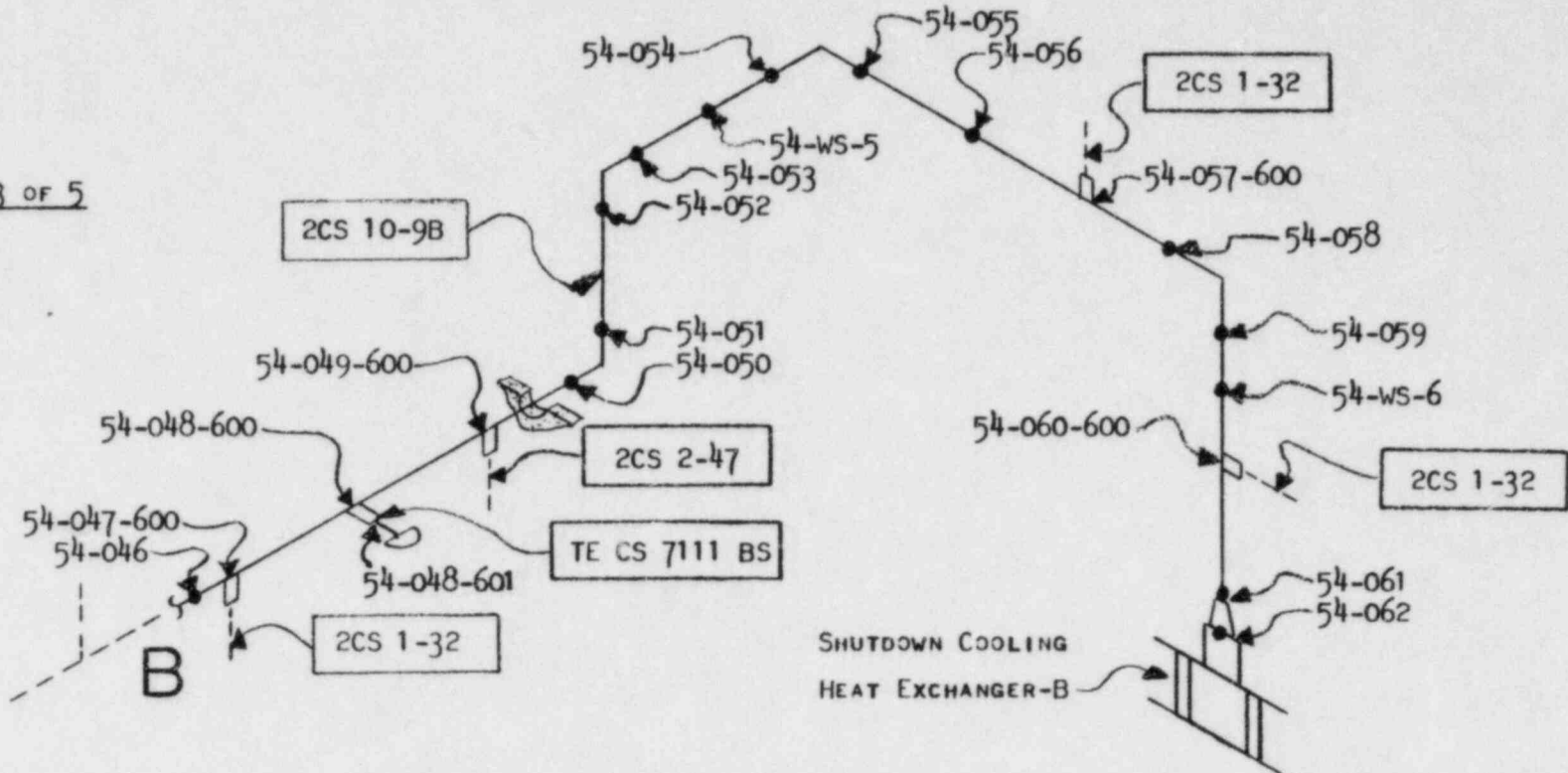
SHEET 2 OF 5



TITLE: SHUTDOWN COOLING LPSI PUMP B TO  
SDCHX B

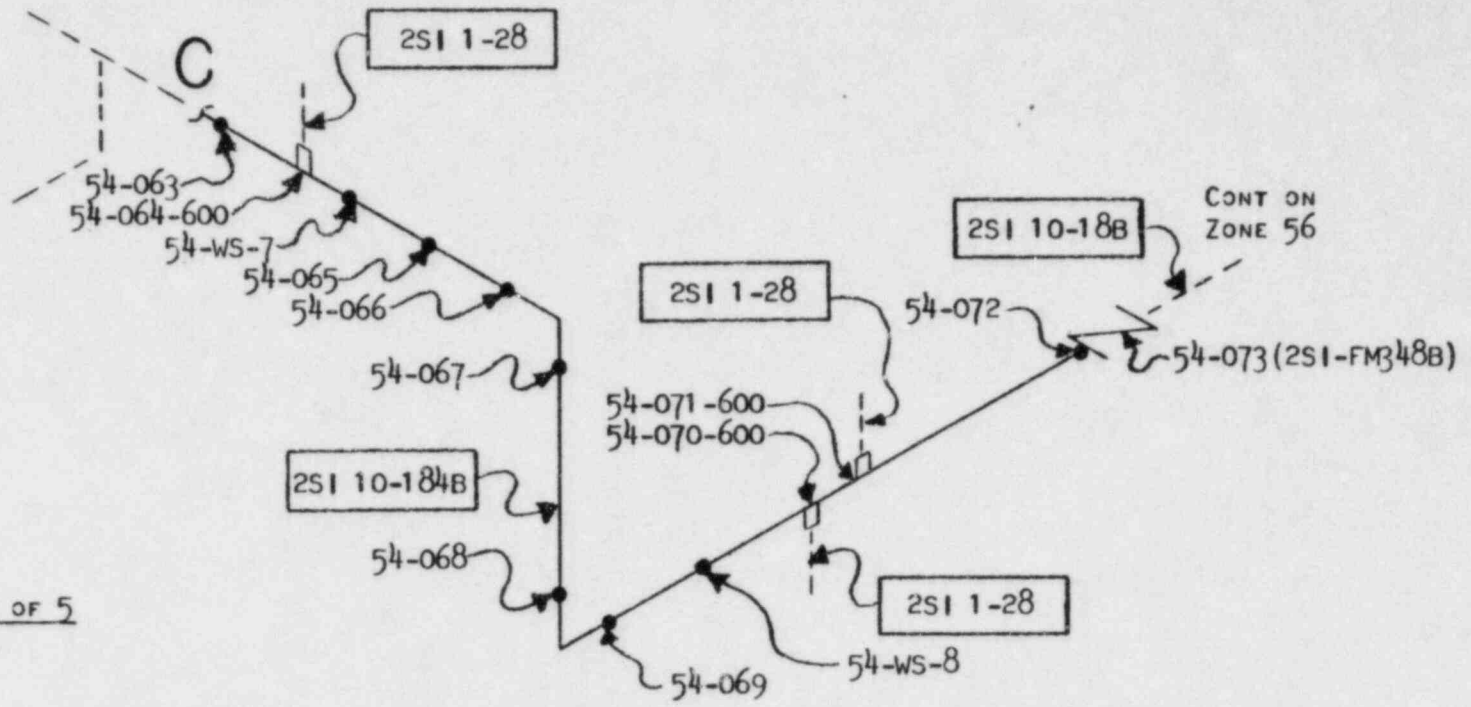
DATE: 3-15-83  
 ZONE: 54  
 REVISION: 5

SHEET 3 OF 5

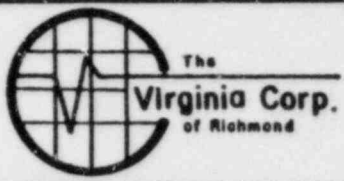


TITLE: SHUTDOWN COOLING LPSI PUMP B  
TO SDCHX B

DATE: 3-15-83  
ZONE: 54  
REVISION: 5



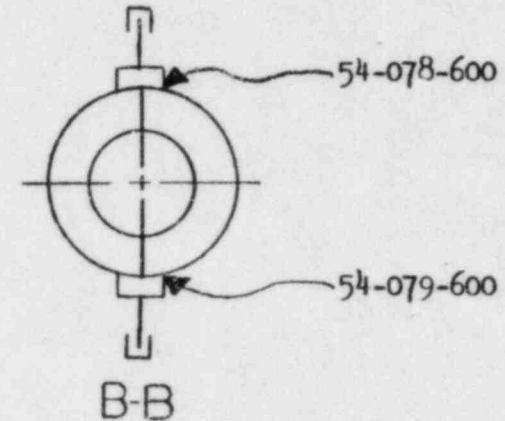
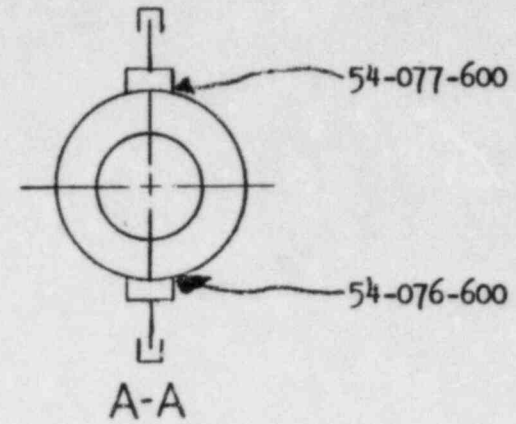
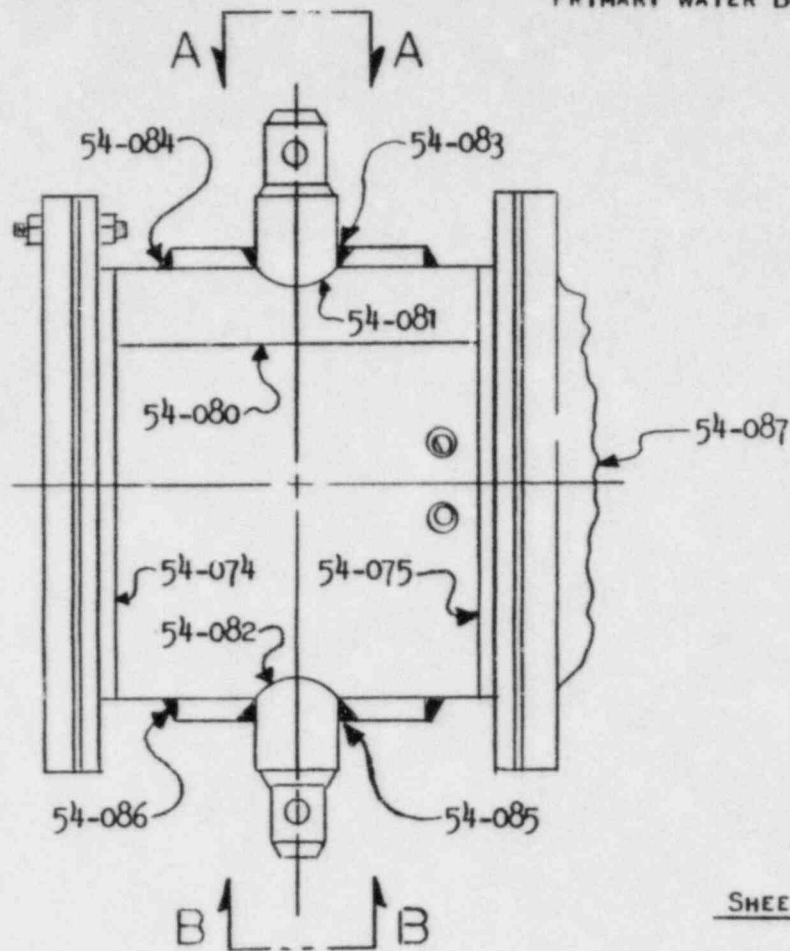
SHEET 4 OF 5



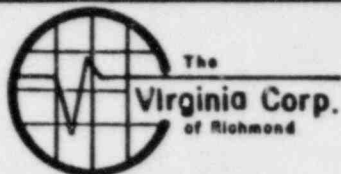
TITLE: SHUTDOWN COOLING LPSI PUMP B  
TO SDCHX B

DATE: 3-15-83  
 ZONE: 54  
 REVISION: 5

SHUTDOWN COOLING HEAT EXCHANGER  
PRIMARY WATER BOX-B



SHEET 5 OF 5



TITLE: SHUTDOWN COOLING LPSI PUMP B  
TO SDCHX B

DATE: 3-15-83  
ZONE: 54  
REVISION: 5

A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
**Virginia Corp.**  
of Richmond

**TITLE**

Shutdown Cooling, Return to  
Loop 2

**DATE:** 3/15/83

**ZONE:** 55

**REVISION:** 5



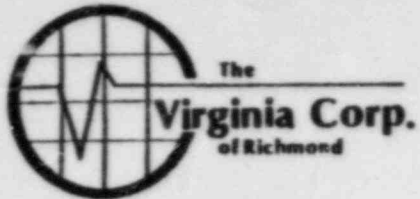
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP #2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-001	10" BUTTERFLY VALVE TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
55-002	10" SCH 40 PIPE TO TEE WELD				
55-003	TEE TO 10" SCH 40 PIPE WELD				
55-004	10" SCH 40 PIPE TO BUTTERFLY VALVE END WELD				
55-005	TEE TO 10" SCH 40 PIPE WELD				
55-006	10" SCH 40 PIPE TO 45 DEG ELL WELD				
55-007	45 DEG ELL TO 10" SCH 40 PIPE WELD				
55-008	10" SCH 40 PIPE TO ELL WELD				
55-009	ELL TO 10" SCH 40 PIPE WELD				
55-010	10" SCH 40 PIPE TO ELL WELD				
55-011	ELL TO 10" SCH 40 PIPE WELD				
55-012	10" SCH 40 PIPE TO FLANGE WELD				
55-013-600	2S1½-175A FROM 2S110-183A TO CLASS 2 BOUNDARY		EXEMPT IWC-1220 (D)	N/A	
55-014	FLANGE	N/A	N/A		

\*NOTE: "THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR50.55A APPLY TO THIS ZONE".





PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP #2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-015	10" SCH 40 PIPE TO FLANGE WELD	C-F	SURFACE	ISI-3.1	N/A
55-016-600	TI 35 1X FROM 2S110-183A TO INST.	↓	EXEMPT IWC-1220 (D)	N/A	↓
55-017	10" SCH 40 PIPE TO PIPE WELD	↓	SURFACE	ISI-3.1	↓
55-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
55-018	10" SCH 40 PIPE TO ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
55-019	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
55-020	10" SCH 40 PIPE TO TEE WELD	↓	SURFACE	ISI-3.1	N/A
55-021	10" TEE TO 10" x 8" RED WELD	↓	↓	↓	↓
55-022	10" x 8" RED TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-023	8" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
55-024	ELL TO 8" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
55-025	8" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
55-026	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-027-600	2S11-35A FROM 2S18-55A TO VALVE 2S1-R613 A/B	↓	EXEMPT IWC-1220 (d)	N/A	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5

## SHUTDOWN COOLING RETURN TO LOOP # 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-028	8" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
55-029	8" SCH 40 PIPE TO TEE WELD	↓	↓	↓	↓
55-030	TEE TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
55-031	8" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
55-032	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-033	8" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
55-034	ELL TO 8" SCH 40 ELL WELD	↓	↓	↓	↓
55-035	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-036	8" SCH 40 PIPE TO 8" x 6" RED WELD	↓	↓	↓	↓
55-037-600	2S11-28 FROM 2S18-55A TO VALVE 2S1-V625	↓	EXEMPT IWC-1220 (D)	N/A	
55-038	8" x 6" RED TO GLOBE VALVE END WELD	↓	SURFACE	ISI-3.1	
55-039	GLOBE VALVE 2S1-V1541A2	N/A	N/A	N/A	↓
55-040	GLOBE VALVE TO 8" x 6" RED WELD	C-F	VOL & SURF.	ISI-2.7 & ISI-3.1	↓



**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5**SHUTDOWN COOLING RETURN TO LOOP # 2**

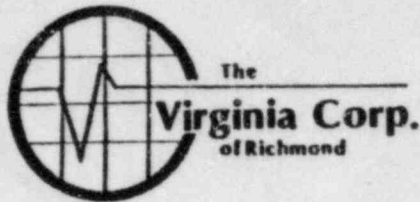
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-041-600	2S11-92 FROM 2S18-13ORL2A TO VALVE 2S1-V1560	C-F	EXEMPT IWC-1220 (d)	N/A	N/A
55-042	8" x 6" RED. TO 8" SCH 120 PIPE WELD	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-043	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
55-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
55-044	8" SCH 120 PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
55-045	8" SCH 120 PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-046	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
55-047-600	COUP TO 8" PIPE WELD	↓	EXEMPT IWC-1220 (D)	N/A	N/A
55-047-601	COUP TO PLUG WELD	↓	↓	↓	↓
55-048	8" SCH 120 PIPE TO CONTAINMENT PENETRATION - outer	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-049	8" SCH 120 PIPE TO CONTAINMENT PENETRATION - INTERNAL	↓	↓	↓	↓
55-050	8" SCH 120 PIPE TO CONTAINMENT PENETRATION - inner	↓	↓	↓	↓
55-051	8" SCH 120 PIPE TO VALVE END WELD	↓	↓	↓	↓



PROGRAM PLAN  
Waterford VII  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-052	TEE TO 10" X 8" RED WELD	C-F	SURFACE	ISI-3.1	N/A
55-053	10" X 8" RED TO 8" SCH 40 PIPE WELD	↓	↓	↓	↓
55-054	8" SCH 40 PIPE TO PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
55-WS-5	WELDED SUPPORT	C-C	EXEMPT IWC-1220 (D)	N/A	N/A
55-WS-6	WELDED SUPPORT	↓	↓	↓	
55-055	8" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
55-056	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	
55-057	8" SCH 40 PIPE TO ELL WELD	↓	↓	↓	
55-058	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	
55-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
55-059-600	2S11-28 FROM 2S18-55B2 TO VALVE 2S1-V625-25	C-F	EXEMPT IWC-1220 (D)	↓	
55-060	8" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	
55-061	ELL TO 8" SCH 40 PIPE WELD	↓	↓	↓	
55-062	8" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓

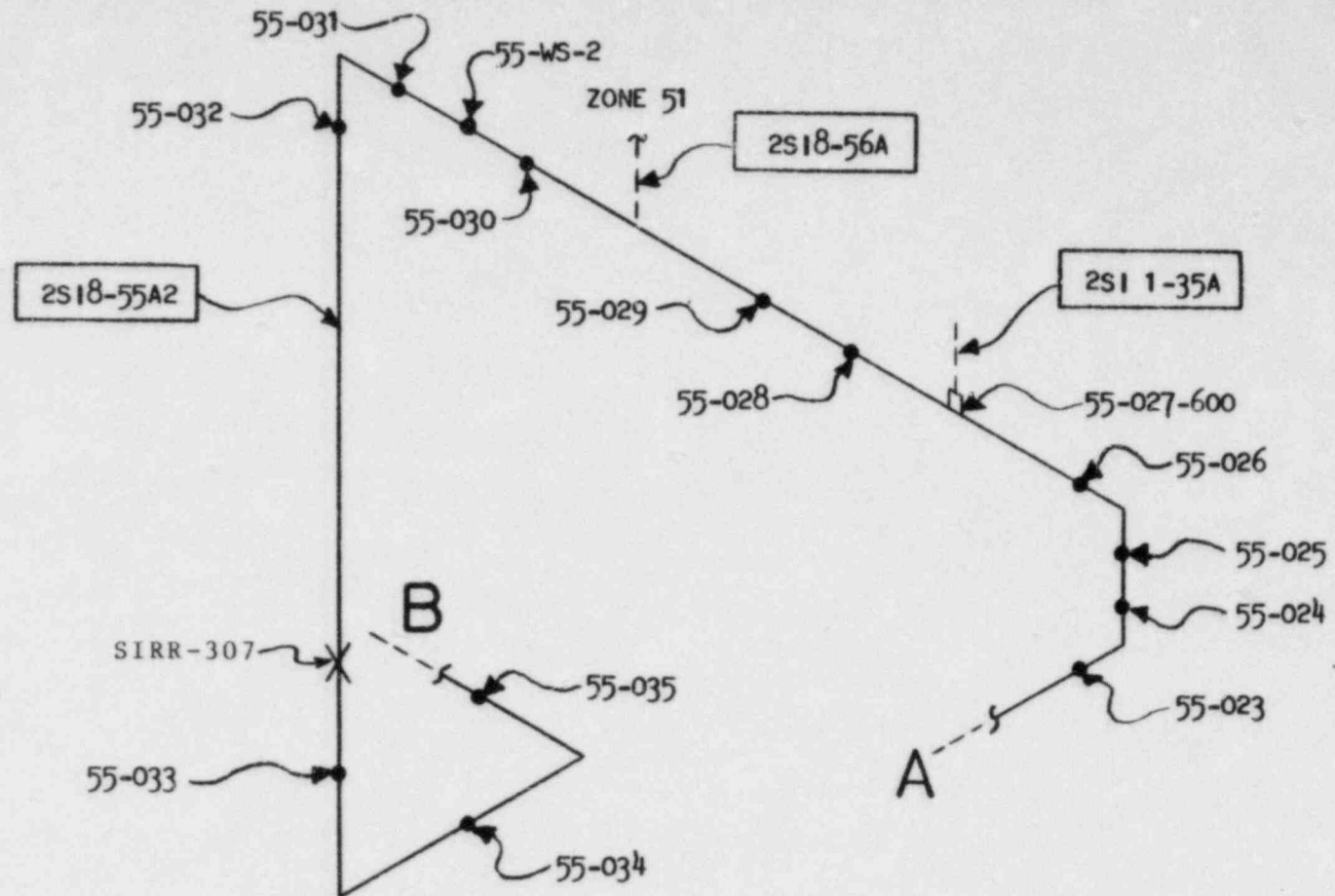


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 55Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 2

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
55-063	ELL TO 8" SCH 40 PIPE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
55-064	8" SCH 40 PIPE TO 8" x 6" RED WELD	↓	SURFACE	ISI-3.1	N/A
55-065-600	2S11-28 FROM 2S18-55B2 TO VALVE 2S1-V640-1	↓	EXEMPT IWC-1220 (D)	N/A	
55-066	8" x 6" RED TO VALVE END WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-141
55-067	GLOBE VALVE 2S1-V1543B2	N/A	N/A	N/A	N/A
55-068	VALVE END TO 8" x 6" RED WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-141
55-069-600	2S1-92 FROM 2S18-138RL2B TO VALVE 2S1-V1560-5	↓	EXEMPT IWC-1220 (D)	N/A	N/A
55-070	8" x 6" RED TO 8" ELL WELD	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-071	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
55-072	8" SCH 120 PIPE TO PIPE WELD	↓	↓	↓	↓
55-WS-8	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
55-073	8" SCH 120 PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
55-074	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
55-075	8" PIPE TO CONTAINMENT PERETRATION WELD - OUTER	↓	↓	↓	↓





SHEET 2 OF 4



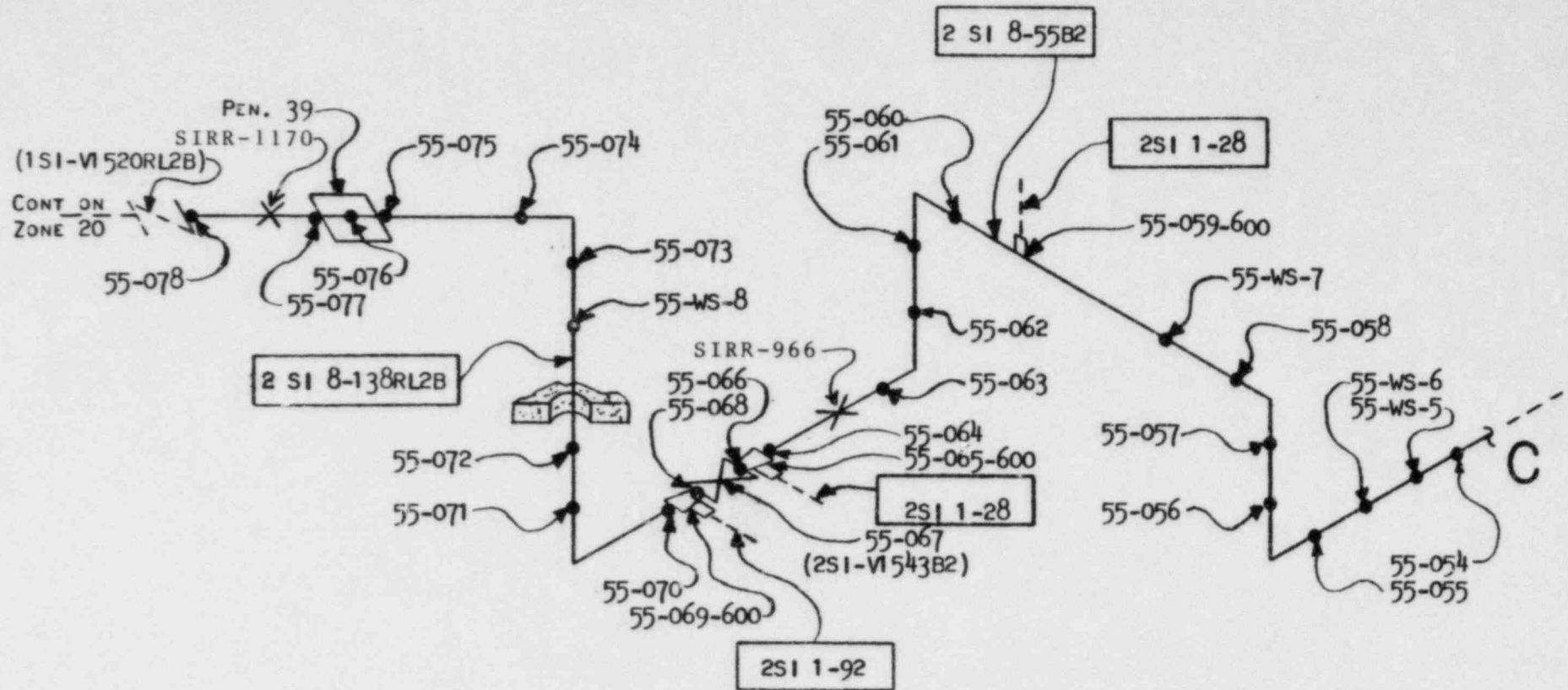
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SHUTDOWN COOLING RETURN TO LOOP # 2

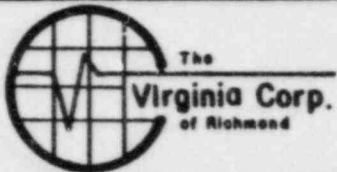
DATE: 3/15/83

ZONE: 55

REVISION: 5



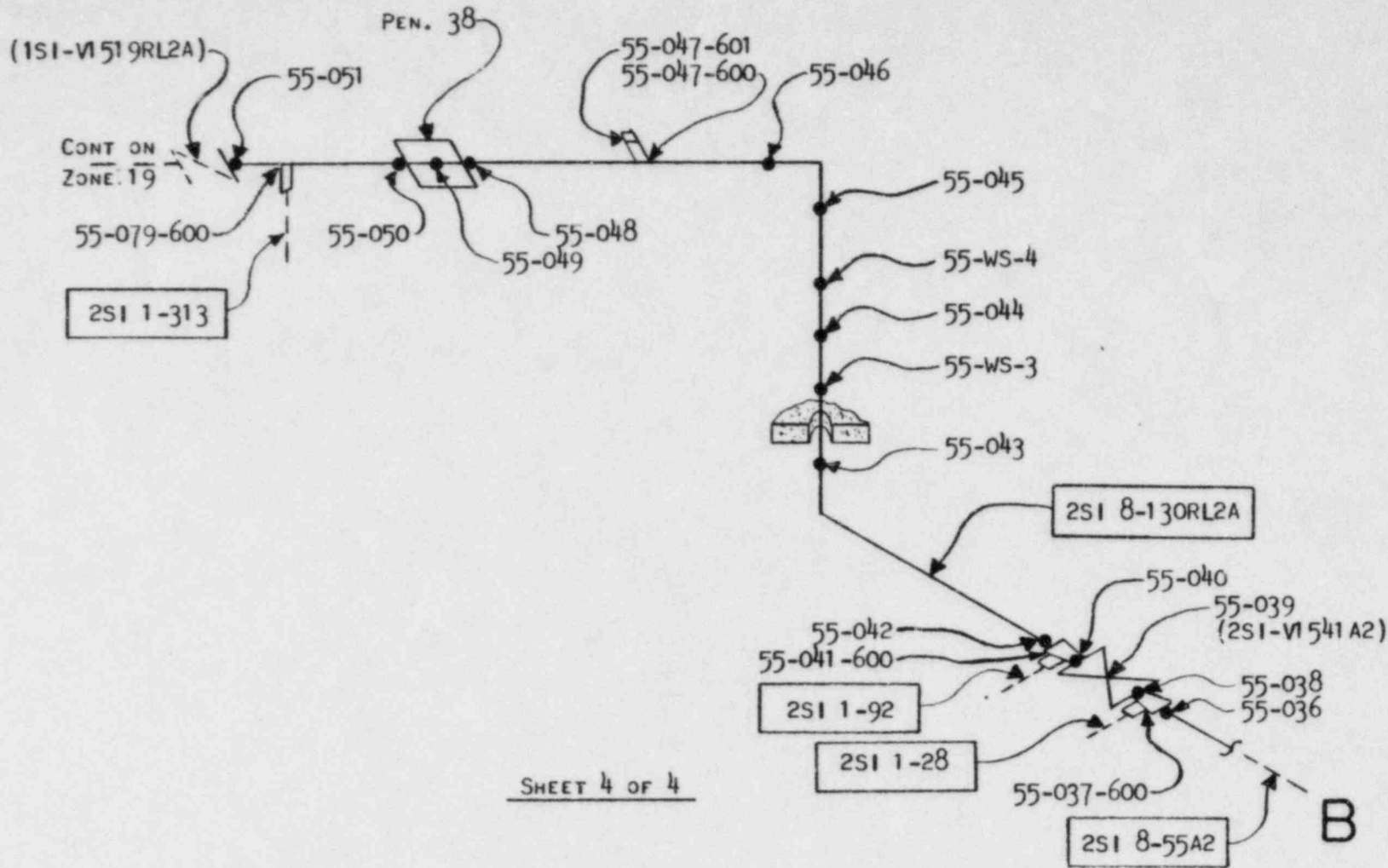
SHEET 3 OF 4



TITLE:  
SHUTDOWN COOLING RETURN TO LOOP # 2

DATE: 3/15/83  
ZONE: 55  
REVISION: 5





TITLE:  
SHUTDOWN COOLING RETURN TO LOOP # 2

DATE: 3/15/83  
ZONE: 55  
REVISION: 5

A portion of this zone is included in the boundaries of the augmented ISI program (NUREG-0800), which requires 100% volumetric examination for all circumferential and longitudinal welds in those lines which penetrate the containment. The boundary for this coverage extends from the rigid restraint closest to the penetration inside the RCB to the first rigid restraint past the isolation valve outside containment. The location for these restraints is identified on the drawing.



The  
**Virginia Corp.**  
of Richmond

**TITLE**

Shutdown Cooling, Return to  
Loop 1

**DATE:** 3/15/83

**ZONE:** 56

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 1

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-001	VALVE END TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
56-002	10" SCH 40 PIPE TO TEE WELD				
56-003	TEE TO 10" SCH 40 PIPE WELD				
56-004	10" SCH 40 PIPE TO VALVE END WELD				
56-005	TEE TO 10" SCH 40 PIPE WELD				
56-006	10" SCH 40 PIPE TO 45 DEG ELL WELD				
56-007	45 DEG ELL TO 10" SCH 40 PIPE WELD				
56-008	10" SCH 40 PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
56-009	ELL TO 10" SCH 40 PIPE WELD		SURFACE	ISI-3.1	N/A
56-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
56-010	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
56-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
56-011	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
56-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	

\*NOTE: " THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".

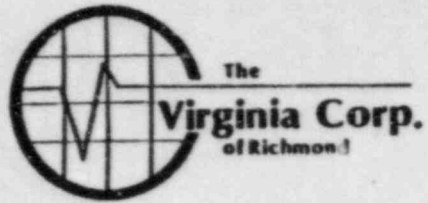


PROGRAM PLAN  
Waterford III  
EDASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5

## SHUTDOWN COOLING RETURN TO LOOP # 1

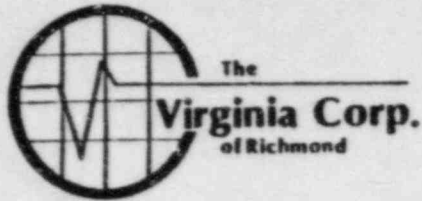
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-012	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
56-013	10" SCH 40 PIPE TO FLANGE WELD	↓	↓	↓	
56-014	10" FLANGE	N/A	N/A	N/A	
56-015-600	2S11½-168B FROM 2S110-183B TO VALVE 2S1-V626-2	C-F	EXEMPT IWC-1220 (o)	↓	
56-016	FLANGE TO 10" SCH 40 PIPE WELD		SURFACE	ISI-3.1	
56-017	10" SCH 40 PIPE TO ELL WELD		↓	↓	
56-018	ELL TO 10" SCH 40 PIPE WELD		↓	↓	
56-019-600	T1 352 X FROM 2S110-183B TO INST.		EXEMPT IWC-1220 (o)	N/A	
56-020	10" SCH 40 PIPE TO PIPE WELD		SURFACE	ISI-3.1	↓
56-021	10" SCH 40 PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
56-022	ELL TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
56-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN ¾")	N/A	↓
56-023	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
56-024	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP #1

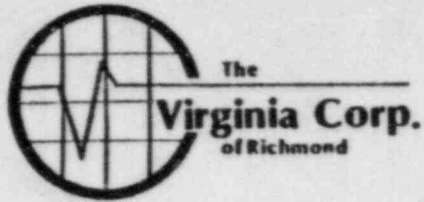
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-025	10" SCH 40 PIPE TO 10" x 10" x 8" TEE WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
56-026	10" x 10" x 8" TEE TO 10" x 8" RED WELD		SURFACE	ISI-3.1	N/A
56-027	10" x 10" x 8" TEE TO 8" SCH 40 PIPE WELD				
56-028	8" SCH 40 PIPE TO ELL WELD				
56-029	ELL TO 8" SCH 40 PIPE WELD				
56-030	8" SCH 40 PIPE TO PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
56-031-600	2S11-28 FROM 2S18-55A1 TO VALVE 2S1-V625-3		EXEMPT IWC-1220 (D)	N/A	N/A
56-032	8" SCH 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
56-033	ELL TO 8" SCH 40 PIPE WELD				
56-034	8" SCH 40 PIPE TO ELL WELD				
56-035	ELL TO 8" SCH 40 PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
56-036	8" SCH 40 PIPE TO 8" x 6" RED WELD		SURFACE	ISI-3.1	N/A
56-037-600	2S17-28 FROM 2S18-55A1 TO VALVE 2S1-V625-2		EXEMPT IWC-1220 (D)	N/A	
56-038	8" x 6" RED TO 8" SCH 40 PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-141



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 1

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-039	GLOBE VALVE 2SI-V1549A1	N/A	N/A	N/A	N/A
56-040	VALVE END TO 8" X 6" SCH 120 PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-141
56-041-600	2S11-92 FROM 2S18-113RL1A TO VALVE 2SI-V1560-2		EXEMPT IWC-1220 (D)	N/A	N/A
56-042	8" X 6" RED TO 8" ELL WELD		VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
56-043	ELL TO 8" SCH 120 PIPE WELD				
56-044	8" SCH 120 PIPE TO PIPE WELD				
56-WS-5	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
56-WS-6	WELDED SUPPORT				
56-045	8" SCH 120 PIPE TO ELL WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
56-046	ELL TO 8" SCH 120 PIPE WELD				
56-047	8" SCH 120 PIPE TO CONTAINMENT PENETRATION WELD - OUTER				
56-048	8" SCH 120 PIPE TO CONTAINMENT PENETRATION WELD - INTERNAL				
56-049	8" SCH 120 PIPE TO CONTAINMENT PENETRATION WELD - INNER				
56-050	8" SCH 120 PIPE TO VALVE END WELD				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 1

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-051	10" x 8" RED TO 8" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
56-052-600	2S11-174B FROM 2S18-55B1 FROM 2S1-A350B		EXEMPT IWC-1220 (D)	N/A	
50-053	8" SCH 40 PIPE TO PIPE WELD		SURFACE	ISI-3.1	
56-054	8" SCH 40 PIPE TO ELL WELD				
56-055	ELL TO 8" SCH 40 PIPE WELD				
56-056	8" SCH 40 PIPE TO ELL WELD				
56-057	ELL TO 8" SCH 40 PIPE WELD				
56-058	8" SCH 40 PIPE TO PIPE WELD				
56-059	8" SCH 40 PIPE TO PIPE WELD				
56-060	8" SCH 40 PIPE TO TEE WELD				
56-061	TEE TO 8" SCH 40 PIPE WELD				
56-WS-7	WELDED SUPPORT	C-C	EXEMPT IWC-1220 (D)	N/A	
56-062	8" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
56-063	ELL TO 8" SCH 40 PIPE WELD				



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 56Date: 3/15/83Revision: 5SHUTDOWN COOLING RETURN TO LOOP # 1

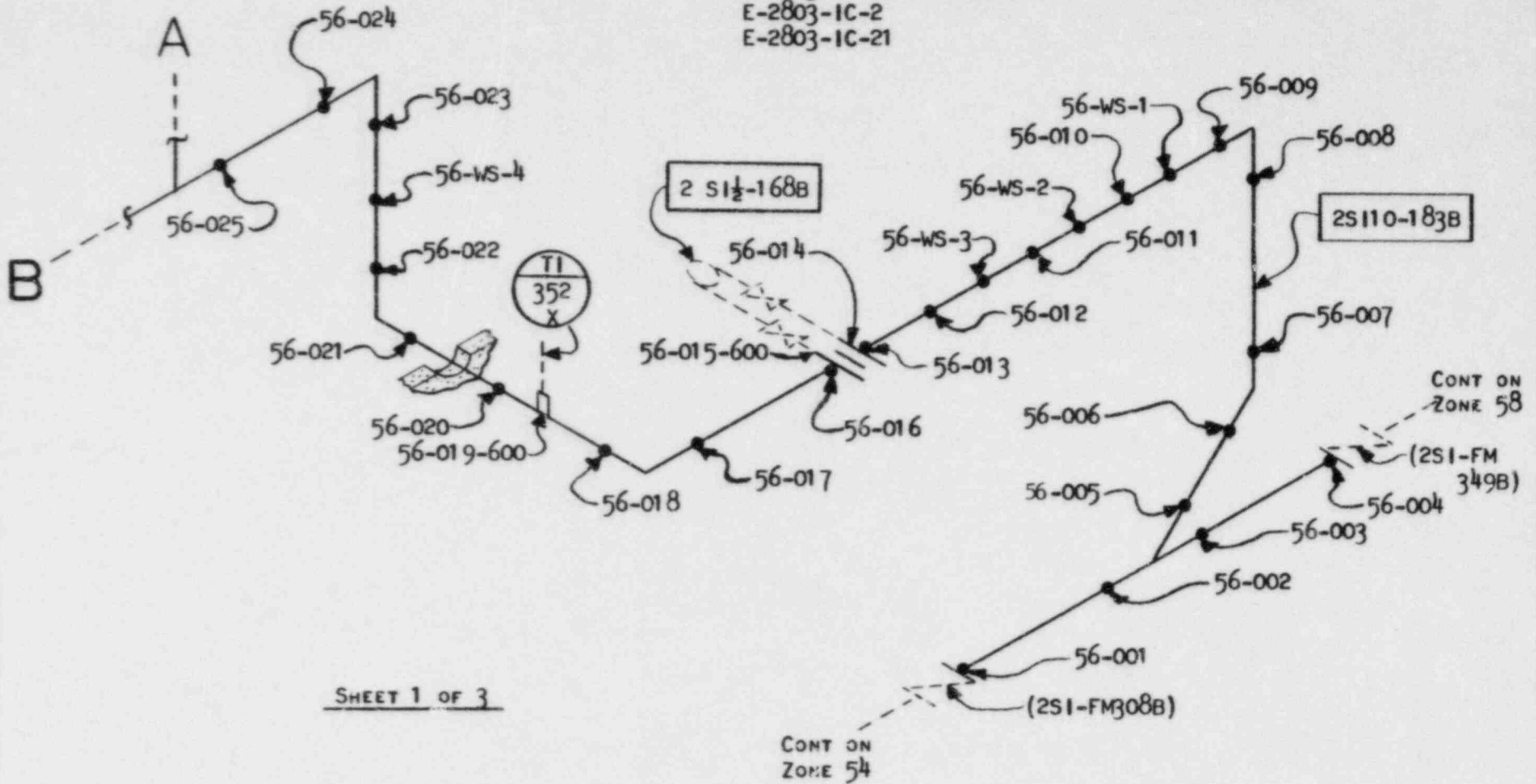
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
56-064	8" SCH 40 PIPE TO ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-113
56-065	ELL TO 8" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
56-WS-8	WELDED SUPPORT	C-C	EXEMPT IWC-1220 (D)	N/A	
56-066	8" SCH 40 PIPE TO 8" x 6" RED WELD	C-F	SURFACE	ISI-3.1	
56-067-600	2S11-28 FROM 2S18-56B TO VALVE 2S1-V625-1	↓	EXEMPT IWC-1220 (D)	N/A	
56-068	8" x 6" RED TO VALVE END WELD	↓	SURFACE	ISI-3.1	
56-069	GLOBE VALVE 2S1-V1539B1	N/A	N/A	N/A	↓
56-070	VALVE END TO 8" x 6" SCH 160 RED. WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-141
56-071-600	2S11-29 FROM 2S18-122RL1B TO VALVE 2S1-V1560-1	↓	EXEMPT IWC-1220 (D)	N/A	N/A
56-072	8" x 6" RED. TO 8" SCH 120 PIPE WELD	↓	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
56-073	ELL TO 8" SCH 120 PIPE WELD	↓	↓	↓	↓
56-WS-9	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
56-074	8" SCH 120 PIPE TO PIPE WELD	C-F	VOL. & SURF.	ISI-2.7 & ISI-3.1	UT-105
56-075	8" SCH 120 PIPE TO ELL WELD	↓	↓	↓	↓





DRAGO REF. DRAWINGS

E-2803-IC-646  
E-2803-IC-22  
E-2803-IC-2  
E-2803-IC-21

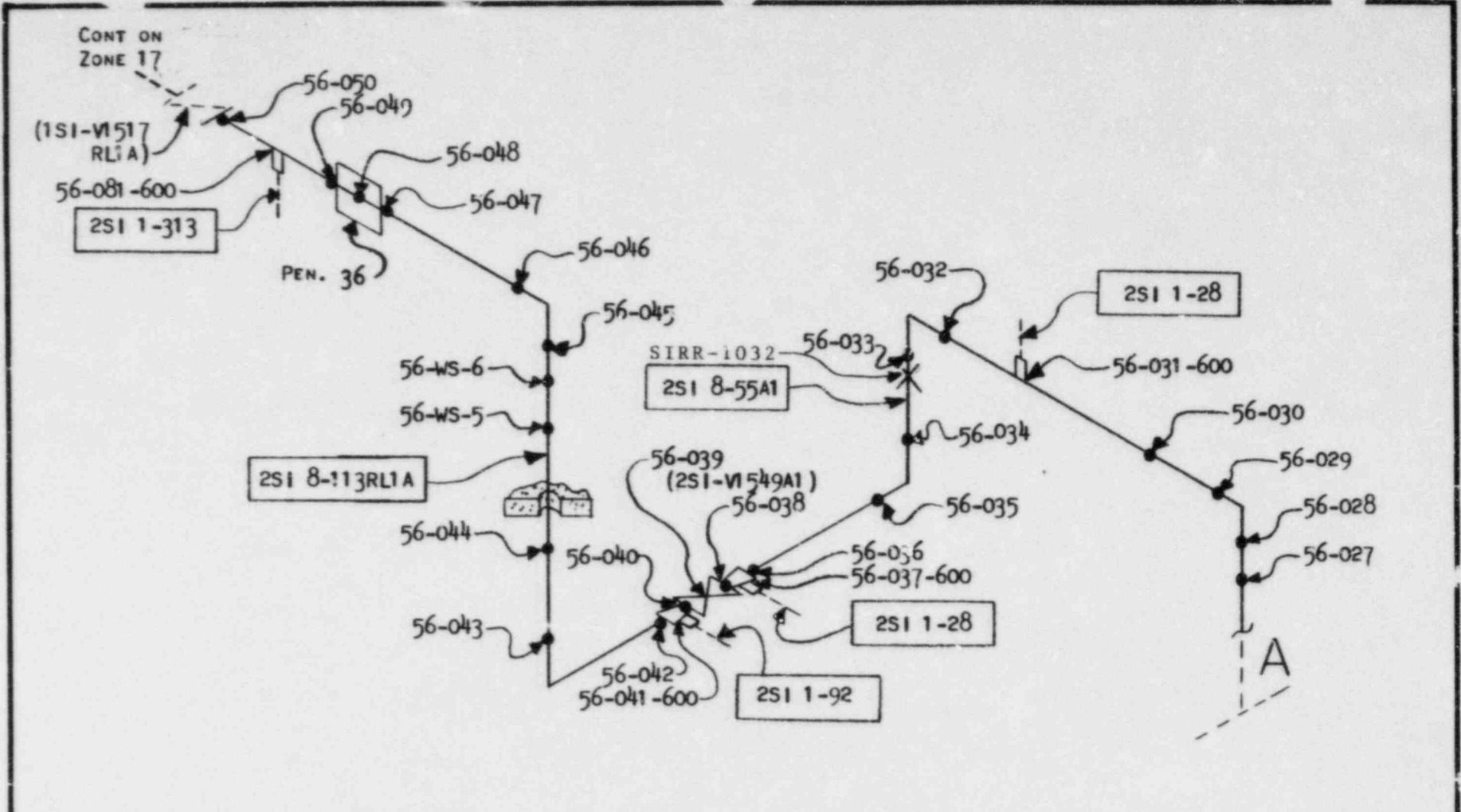


SHEET 1 OF 3

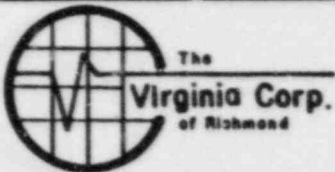


TITLE:  
SHUTDOWN COOLING RETURN TO LOOP # 1

DATE: 3-15-83  
ZONE: 56  
REVISION: 5

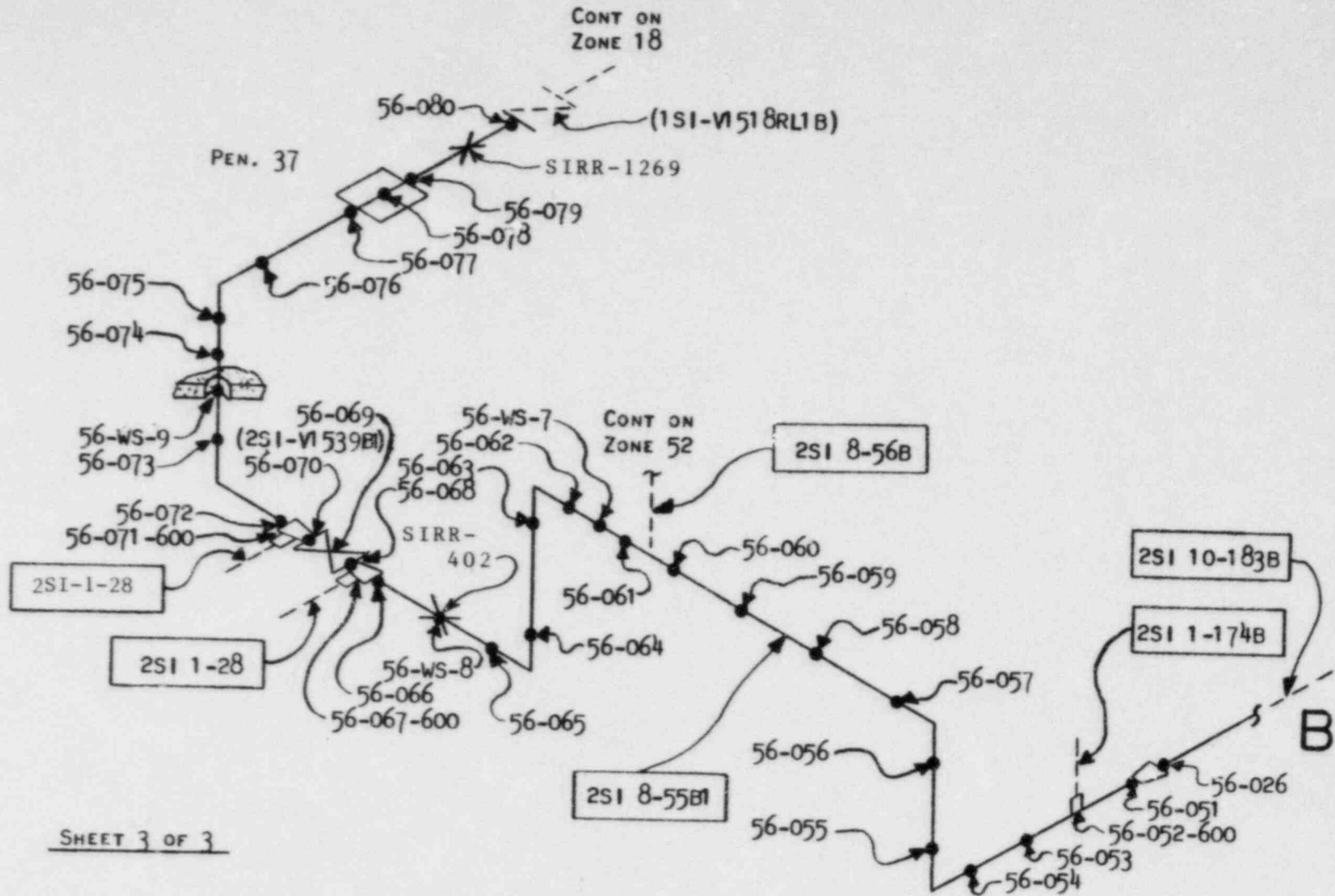


SHEET 2 OF 3



TITLE:  
SHUTDOWN COOLING RETURN TO LOOP # 1

DATE: 3-15-83  
 ZONE: 56  
 REVISION: 5



SHEET 3 OF 3



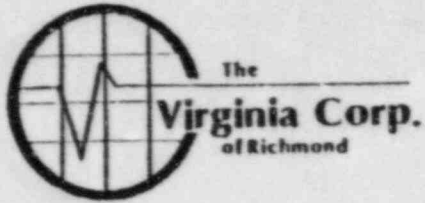
TITLE:

SHUTDOWN COOLING RETURN TO LOOP # 1

DATE: 3-15-83

ZONE: 56

REVISION: 5



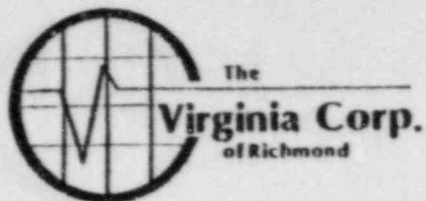
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 57Date: 3/15/83Revision: 5

## A - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
57-001	"A" SDCHX TO 12" SCH. 40 ELL	C-F	SURFACE	ISI-3.1	N/A
57-002	12" ELL TO 12"x10" RED. WELD		↓	↓	↓
57-003-600	2CS1-32 FROM 2CS10-11A TO VALVE 2CS-V604-2		EXEMPT IWC-1220 (D)	N/A	↓
57-004	12"x10" RED. TO 10" PIPE WELD		SURFACE	ISI-3.1	↓
57-005	10" SCH. 40 PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
57-006	ELL TO 10" PIPE WELD		SURFACE	ISI-3.1	N/A
57-008-600	COUP. TO 10" PIPE WELD		EXEMPT IWC-1220 (D)	N/A	
			↓	↓	
57-009-600	TE-303X FROM 2CS10-11A TO INST.		↓	↓	
57-010	10" SCH. 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
57-011	10" ELL TO 10" PIPE WELD		↓	↓	
57-012-600	2CS1-32 FROM 2CS10-11A TO VALVE 2CS-V604		EXEMPT IWC-1220 (D)	N/A	
57-013	10" PIPE TO 10" PIPE WELD		SURFACE	ISI-3.1	
57-014	10" PIPE TO ELL WELD		↓	↓	↓

\*NOTE: " THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".

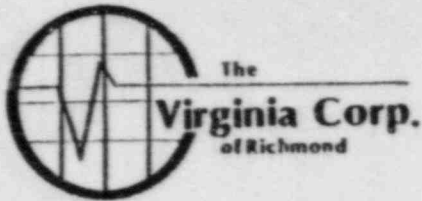


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 57Date: 3/15/83Revision: 5

## A - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
57-015	10" ELL TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
57-WS-1	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
57-016	10" PIPE TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	
57-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
57-017	10" SCH. 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
57-018	10" ELL TO 10" PIPE WELD				
57-019	10" PIPE TO 10" ELL WELD				
57-020	10" ELL TO 10" PIPE WELD				
57-021	10" PIPE TO 10" ELL WELD				
57-022	10" ELL TO 10" PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
57-023	10" SCH. 40 PIPE TO TEE WELD		SURFACE	ISI-3.1	N/A
57-024	TEE TO 10" SCH. 40 PIPE WELD				
57-WS-3	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
57-025	10" PIPE TO 10" STOP CHECK VALVE	C-F	SURFACE	ISI-3.1	

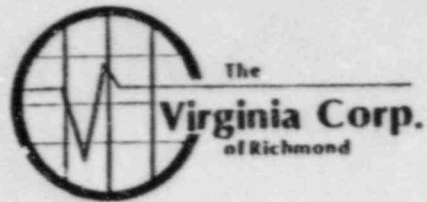


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 57Date: 3/15/83Revision: 5

## A - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
57-026	10" STOP CK. VALVE 2CS-V303A	N/A	N/A	N/A	N/A
57-027	TEE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	↓
57-028	10" PIPE TO ELL WELD	↓	↓	↓	↓
57-029	ELL TO 10" PIPE WELD	↓	↓	↓	↓
57-030	10" PIPE TO 10" GATE VALVE WELD	↓	↓	↓	↓
57-031	10" GATE VALVE 2SI-V307A	N/A	N/A	N/A	↓
57-032	10" GATE VALVE TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	↓
57-033	10" SCH. 40 PIPE TO TEE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
57-034	TEE TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
57-035	10" PIPE TO 10"x6" RED. WELD	↓	↓	↓	↓
57-036	10"x6" RED TO ELL WELD	↓	↓	↓	↓
57-037	ELL TO 6" SCH. 40 PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-111
57-038-600	2SI1-28 FROM 2SI6-179A TO VALVE 2SI-V640-7	↓	EXEMPT IWC-1220 (D)	N/A	N/A
57-039	6" PIPE TO 6"x6"x3" TEE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-111



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## A - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

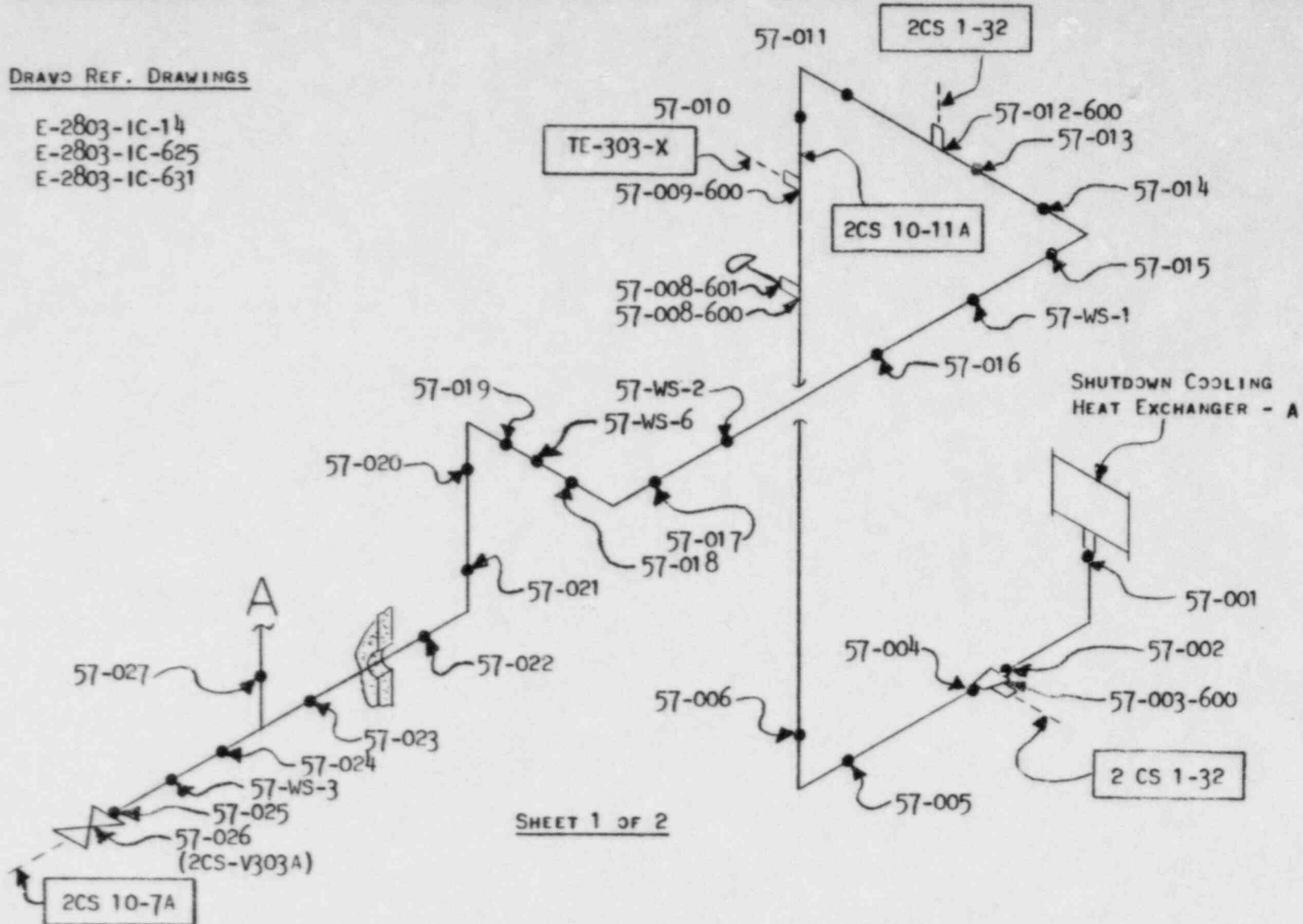
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
57-040-600	2S13-178 FROM 2S16-179A TO VALVE 2S1-V344A	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
57-041	6"X6"X3" TEE TO 6" PIPE WELD	↓	SURFACE	ISI-3.1	↓
57-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
57-042	6" PIPE TO 6" ELL WELD	C-F	SURFACE	ISI-3.1	
57-043	6" ELL TO 6" PIPE WELD	↓	↓	↓	
57-044	6" PIPE TO GATE VALVE WELD	↓	↓	↓	
57-045	6" GATE VALVE 2S1-V345A	N/A	N/A	N/A	
57-046	TEE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	
57-047-600	2S11-28 FROM 2S110-181A TO VALVE 2S1-V642-2	↓	EXEMPT IWC-1220 (D)	N/A	↓
57-048	10" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	↓
57-049	ELL TO 10" SCH 40 PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
57-050	10" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	N/A
57-051	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
57-052-600	2S11-28 FROM 2S110-181A TO VALVE 2S1-V640-8	↓	EXEMPT IWC-1220 (D)	N/A	↓



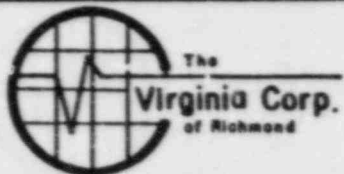


DRAWG REF. DRAWINGS

- E-2803-IC-14
- E-2803-IC-625
- E-2803-IC-631

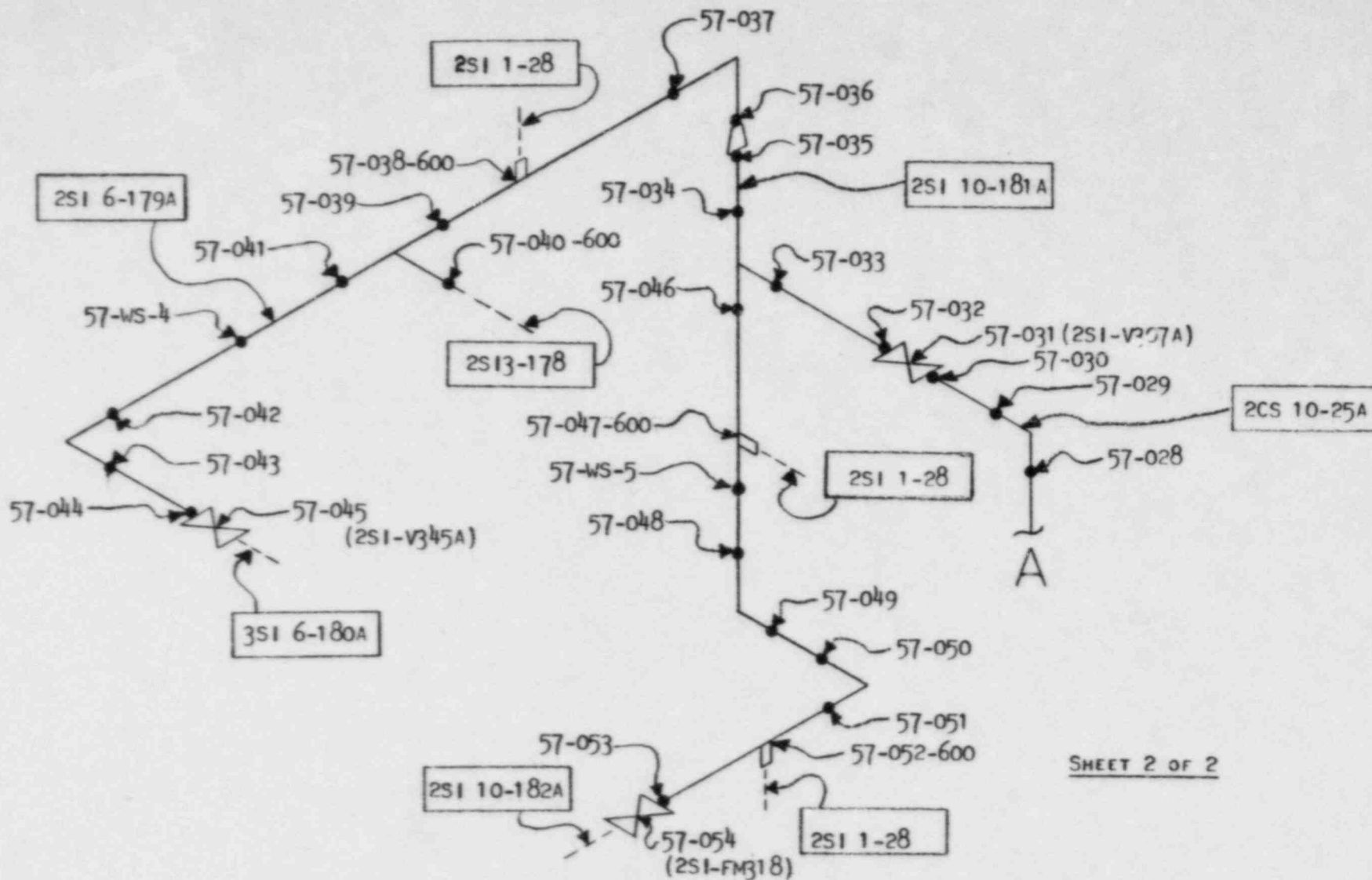


SHEET 1 OF 2



TITLE: SHUTDOWN COOLING HEAT EXCHANGER  
DISCHARGE - A

DATE: 3/15/83  
ZONE: 57  
REVISION: 5

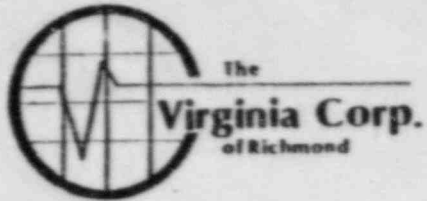


SHEET 2 OF 2



TITLE: SHUTDOWN COOLING HEAT EXCHANGER  
DISCHARGE - A

DATE: 3/15/83  
ZONE: 57  
REVISION: 5



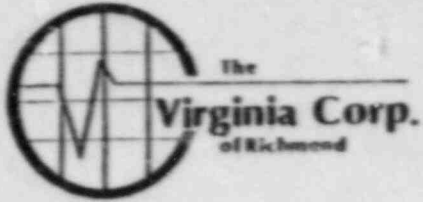
PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 58Date: 3/15/83Revision: 5

## B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
58-001	"B" SDCHX NOZZLE TO 12" SCH. 40 ELL WELD	C-F	SURFACE	ISI-3.1	N/A
58-002	12" ELL TO 12"x10" RED. WELD		↓	↓	↓
58-003-600	2CS1-32 FROM 2CS10-11B TO VALVE 2CS-V604-4		EXEMPT IWC-1220 (D)	N/A	↓
58-004	12"x10" RED. TO 10" SCH. 40 PIPE WELD		SURFACE	ISI-3.1	↓
58-005	10" SCH 40 PIPE TO ELL WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
58-006	ELL TO 10" PIPE WELD		SURFACE	ISI-3.1	N/A
58-008-600	COUP TO 10" PIPE WELD		EXEMPT IWC-1220 (D)	N/A	
58-008-601	COUP TO PLUG WELD		↓	↓	
58-009-600	TE-303Y FROM 2CS10-11B TO INST.		↓	↓	
58-010	10" SCH. 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
58-011	ELL TO 10" PIPE WELD		↓	↓	
58-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-012-600	2CS1-32 FROM 2CS10-11B TO VALVE 2CS-V604	C-F	EXEMPT IWC-1220 (D)	↓	
58-013	10" PIPE TO ELL WELD		SURFACE	ISI-3.1	↓

NOTE: THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10 CFR 50.55A APPLY TO THIS ZONE".



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 58Date: 3/15/83Revision: 5B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
58-014	ELL TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
58-WS-2	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-015	10" PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
58-016	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
58-WS-3	TWO WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-017	10" SCH. 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	↓
58-018	ELL TO 10" PIPE WELD		VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
58-019	10" PIPE TO 10" PIPE WELD		SURFACE	ISI-3.1	N/A
58-020	10" PIPE TO TEE WELD	↓	↓	↓	
58-021	TEE TO 10" SCH. 40 PIPE WELD	↓	↓	↓	
58-WS-4	WELDED SUPPORTS	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-WS-5	WELDED SUPPORT	↓	↓	↓	
58-022	10" PIPE TO 10" VALVE END WELD	C-F	SURFACE	ISI-3.1	
58-023	VALVE 2CS-V304B	N/A	N/A	N/A	↓

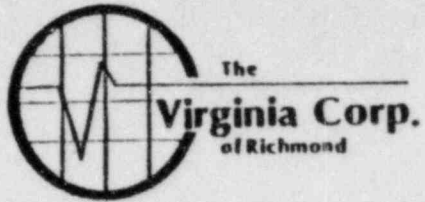


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 58Date: 3/15/83Revision: 5

## B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
58-024	TEE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
58-025	10" SCH. 40 PIPE TO ELL WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
58-026	ELL TO 10" SCH. 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
58-027	10" PIPE TO 10" GATE VALVE WELD	↓	↓	↓	
58-028	10" GATE VALVE 2S1-V308B	N/A	N/A	N/A	
58-029	10" GATE VALVE TO 10" PIPE WELD	C-F	SURFACE	ISI-3.1	
58-030	10" PIPE TO TEE WELD	↓	↓	↓	
58-031	TEE TO 10" PIPE WELD	↓	↓	↓	
58-WS-6	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-032	10" PIPE TO 10"x6" RED. WELD	C-F	SURFACE	ISI-3.1	
58-033	10"x6" RED TO 6" SCH. 40 ELL WELD	↓	↓	↓	↓
58-034	ELL TO 6" SCH. 40 PIPE WELD	↓	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-111
58-035	6" SCH. 40 PIPE TO 6"x6"x3" TEE WELD	↓	SURFACE	ISI-3.1	N/A
58-036-600	2S13-178B FROM 2S16-179 TO VALVE 2S1-V343B	↓	EXEMPT IWC-1220 (D)	N/A	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

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## B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

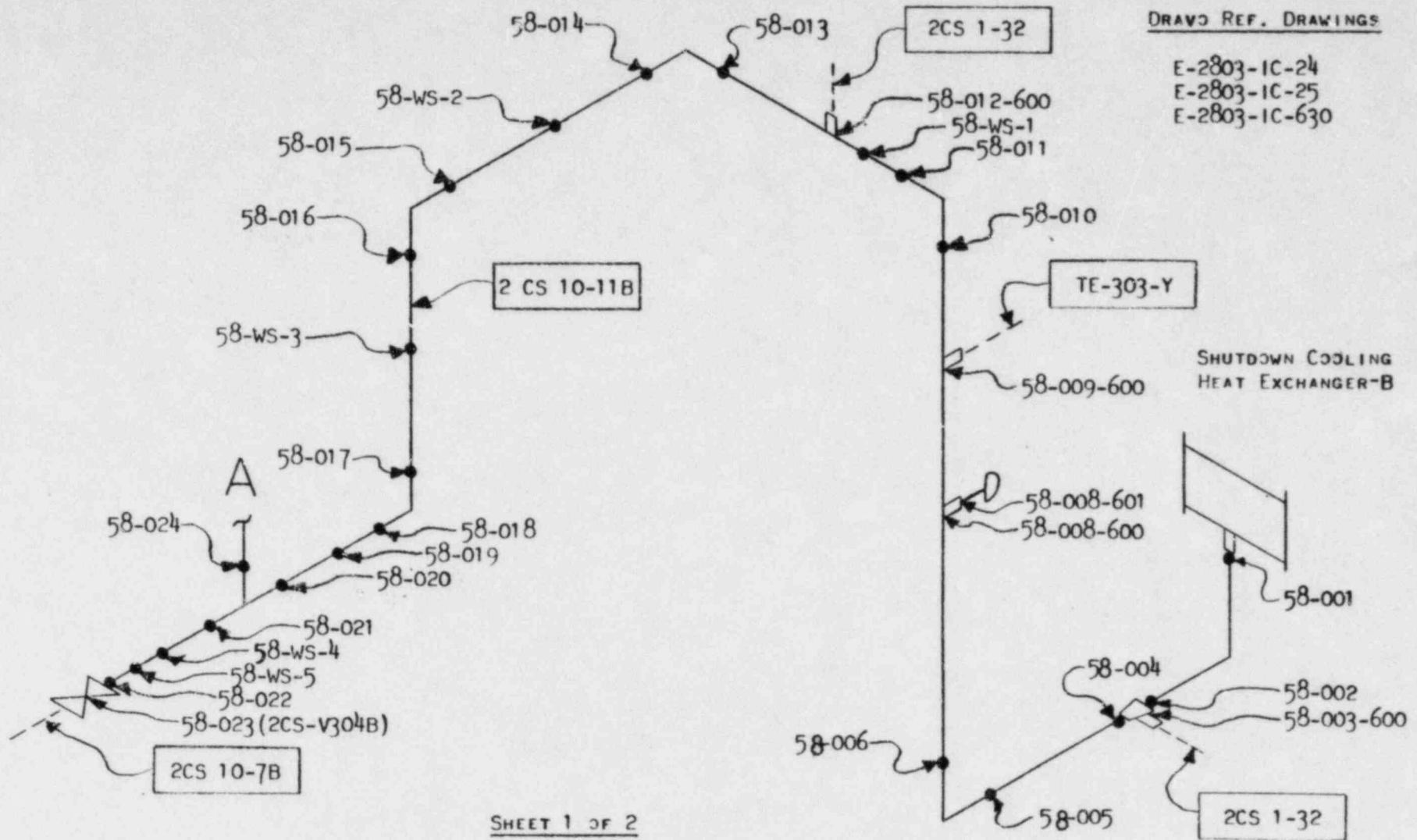
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
58-037	TEE TO 6" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
58-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-038-600	2S11-28 FROM 2S16-179 TO VALVE 2S1-V625-5	C-F	EXEMPT IWC-1220 (D)	↓	
58-039	6" SCH. 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	
58-040	ELL TO 6" SCH. 40 PIPE WELD	↓	↓	↓	
58-041	6" SCH. 40 PIPE TO ELL WELD	↓	↓	↓	
58-042	ELL TO 6" SCH. 40 PIPE WELD	↓	↓	↓	
58-WS-8	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
58-043	6" SCH. 40 PIPE TO GATE VALVE WELD	C-F	SURFACE	ISI-3.1	
58-044	6" GATE VALVE 2S1-V319B	N/A	N/A	N/A	
58-045	TEE TO 10" SCH. 40 PIPE WELD	C-F	SURFACE	ISI-3.1	
58-046-600	2CS10-25B FROM 2S110-181B TO VALVE 2S1-V642-3	↓	EXEMPT IWC-1220 (D)	N/A	
58-047	10" SCH. 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	
58-048	ELL TO 10" SCH. 40 PIPE WELD	↓	↓	↓	↓





DRAWG REF. DRAWINGS

E-2803-IC-24  
 E-2803-IC-25  
 E-2803-IC-630

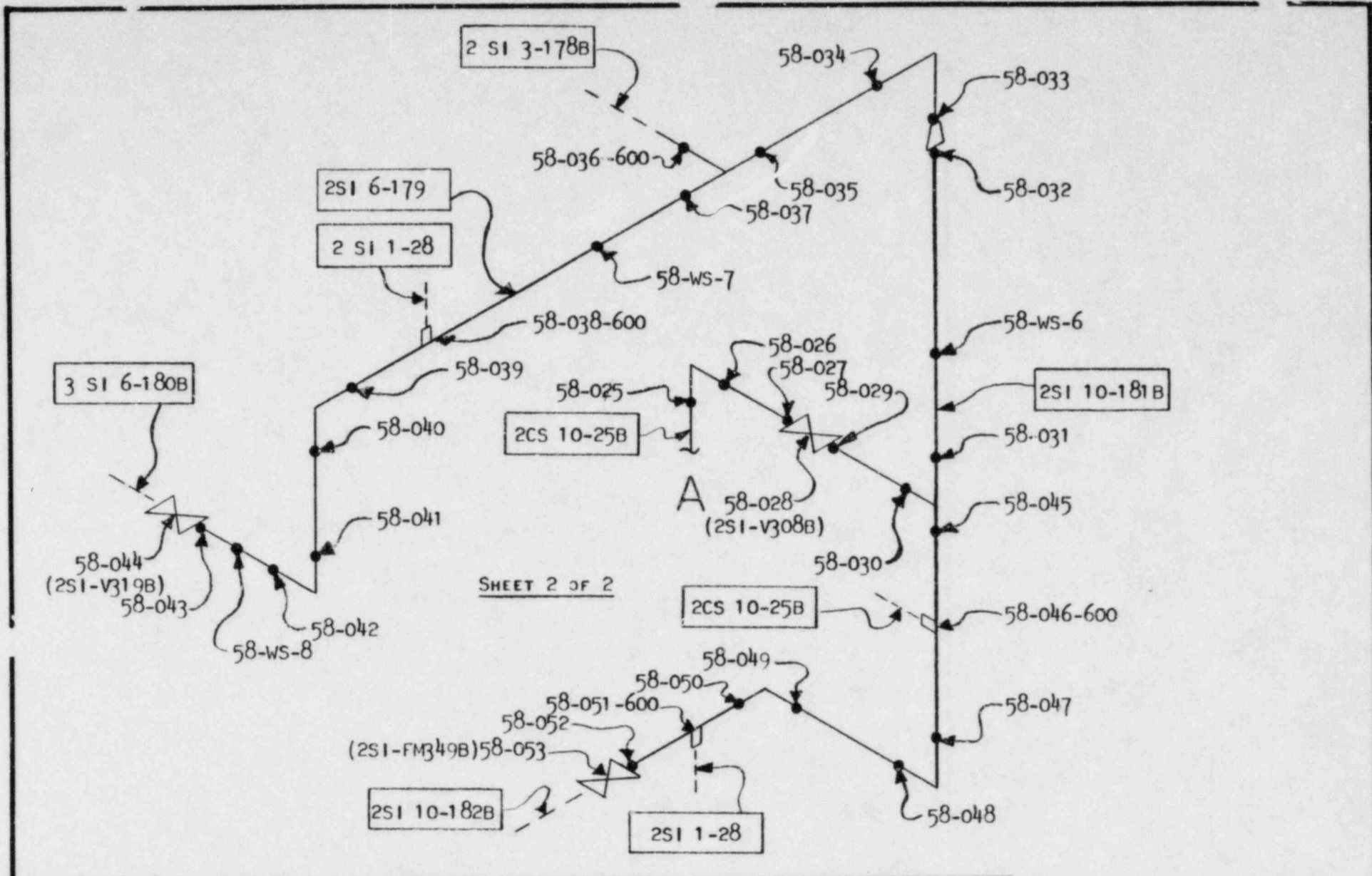


SHEET 1 OF 2

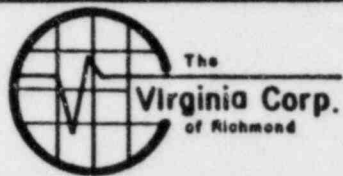


TITLE: B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

DATE: 3/15/83  
 ZONE: 58  
 REVISION: 5



SHEET 2 OF 2



**TITLE:** B - SHUTDOWN COOLING HEAT EXCHANGER DISCHARGE

**DATE:** 3/15/83  
**ZONE:** 58  
**REVISION:** 5

All welds 4" or less are exempt from all surface and volumetric examinations per ASME Section XI, 1977 Edition with addenda thru Summer 1978.

Although these welds are exempt from the code requirements, a 10% volumetric sample shall be performed due to these systems being highly susceptible to intergranular stress corrosion cracking.

The above commitment is based on an agreement made between Louisiana Power & Light and the Nuclear Regulatory Commission.

Only those welds to be examined are tabulated on the examination description sheets included in this zone. However, all welds are illustrated on the isometric drawing for this zone in the event that additional inspection or alternate selections are required.



The  
Virginia Corp.  
of Richmond

**TITLE**

HPSI Discharge Piping

**DATE:** 3/15/83

**ZONE:** 60

**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

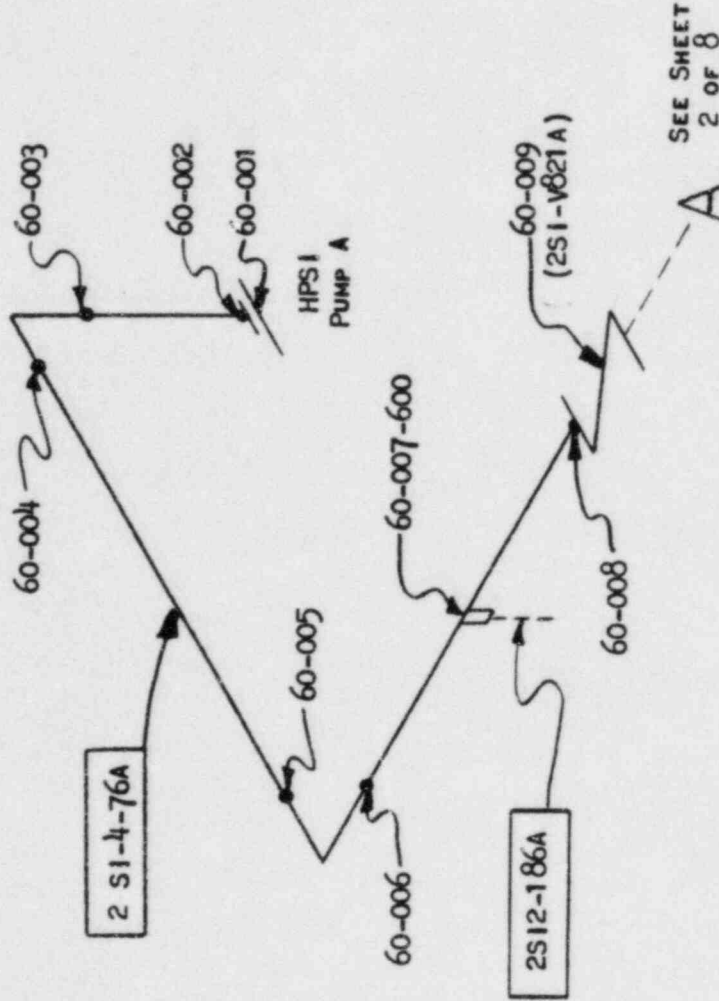
Zone: 60Date: 3/15/83Revision: 5HPSI DISCHARGE PIPING

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
60-003	4" SCH 80 PIPE TO ELL WELD	C-F	VOLUMETRIC	ISI-2.7	UT-140
60-019	ELL TO 4" SCH 80 PIPE WELD				
60-025	ELL TO 4" SCH 80 PIPE WELD				
60-026	4" SCH 80 PIPE TO ELL WELD				
60-070	4" X 4" X 4" TEE TO 4" SCH 80 PIPE WELD				
60-072	ELL TO 4" SCH 80 PIPE WELD				
60-074	4" SCH 80 PIPE TO VALVE END WELD				
60-080	ELL TO 4" SCH 80 PIPE WELD				
60-089	ELL TO 4" SCH 80 PIPE WELD				
60-098	4" X 4" X 4" TEE TO 4" SCH 80 PIPE WELD				
60-100	ELL TO 4" SCH 80 PIPE WELD				
60-109	4" sch 80 ell to pipe weld				
60-115	4" sch 80 pipe to ell weld				
60-117	4" sch 80 pipe to ell weld				

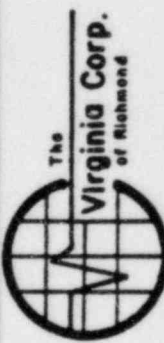


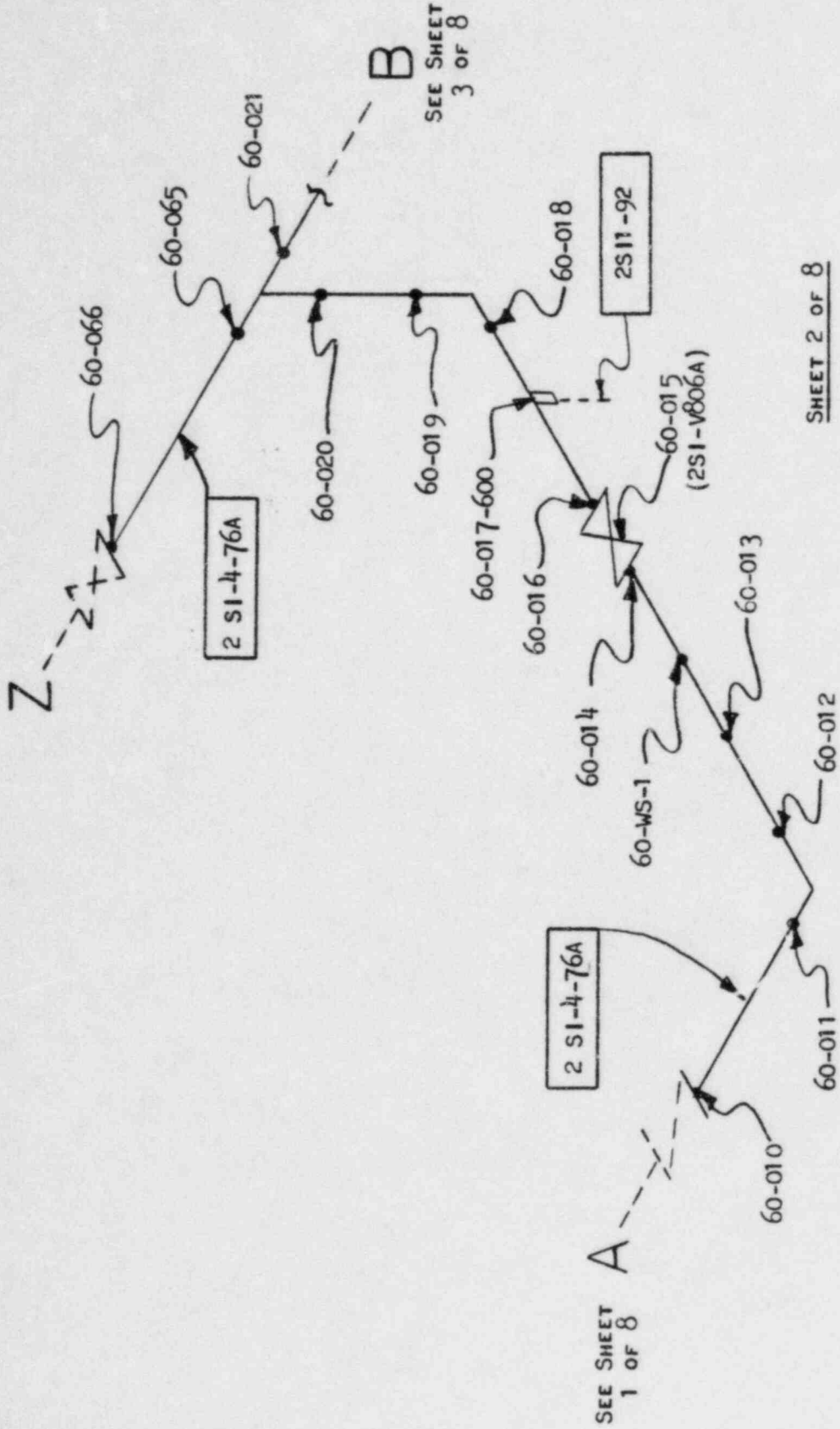
Dravo Ref. Drawings

- E-2803-IC-7
- E-2803-IC-8
- E-2803-IC-9
- E-2803-IC-66
- E-2803-IC-95



SHEET 1 OF 8

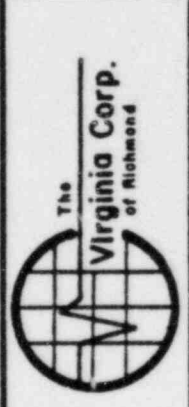
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		ZONE: <u>60</u>
		REVISION: <u>5</u>

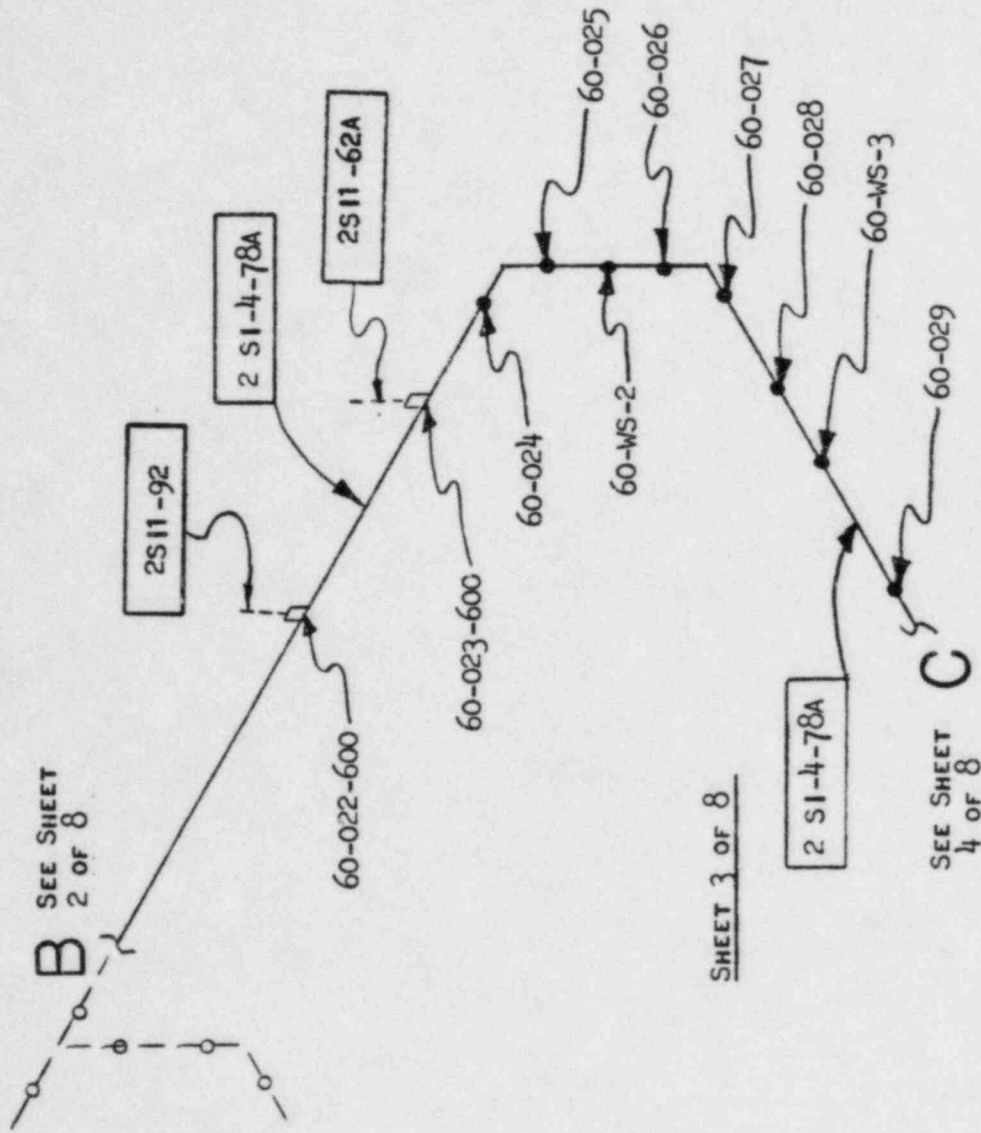



SHEET 2 OF 8

DATE:	3/15/83
ZONE:	60
REVISION:	5

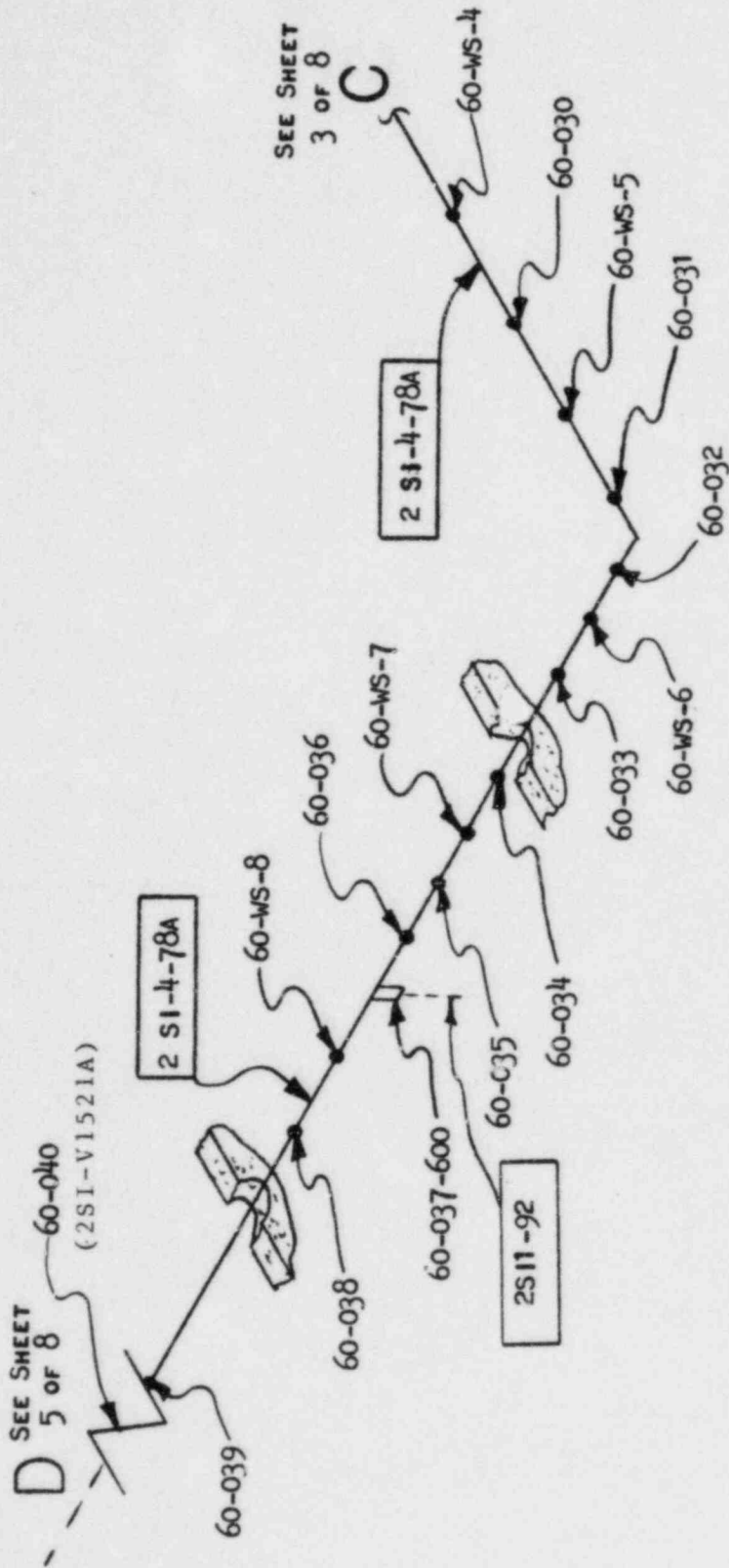
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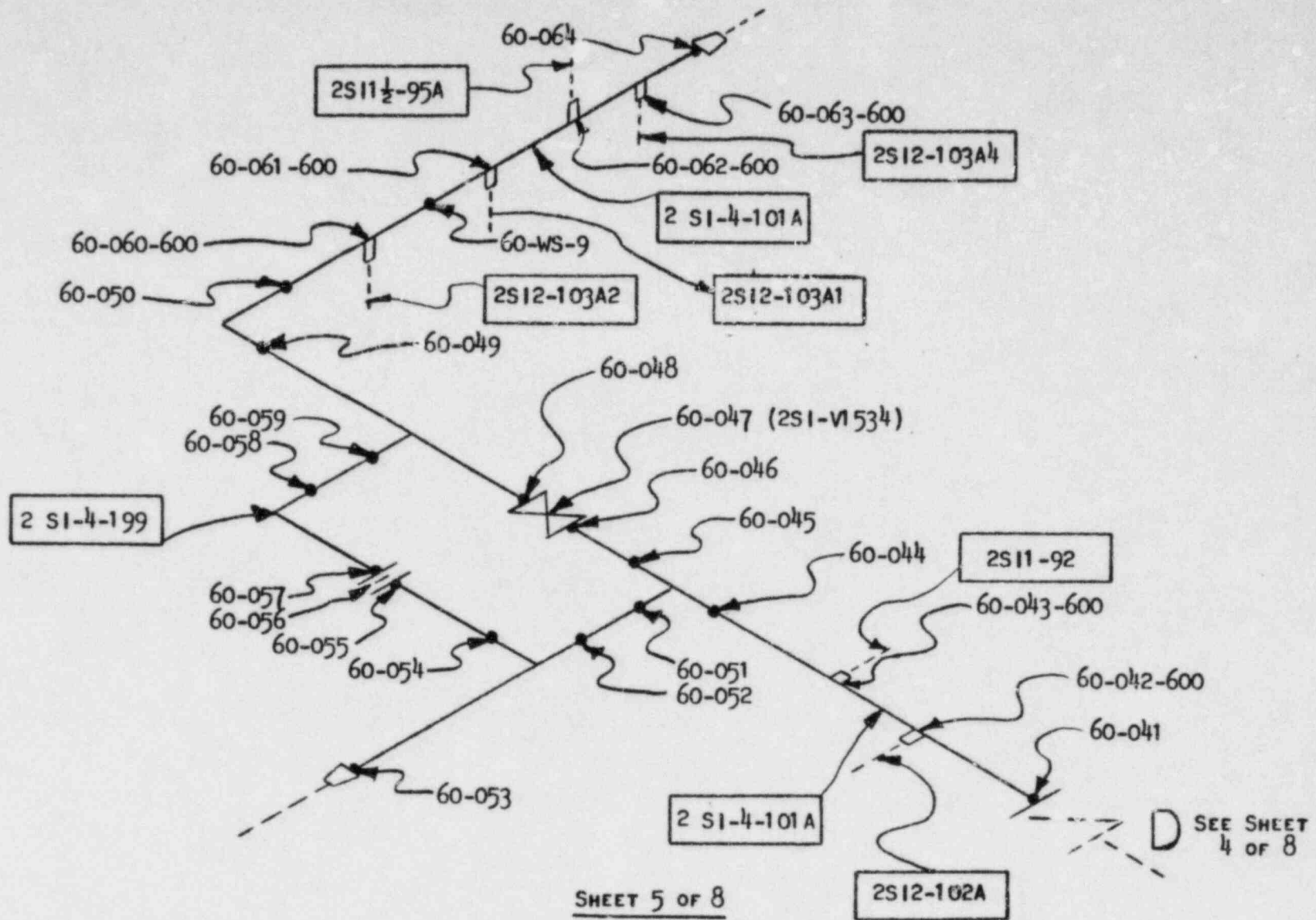
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SHEET 4 OF 8

	TITLE:	HPSI DISCHARGE PIPING	DATE: 3/15/83
			ZONE: 60
			REVISION: 5

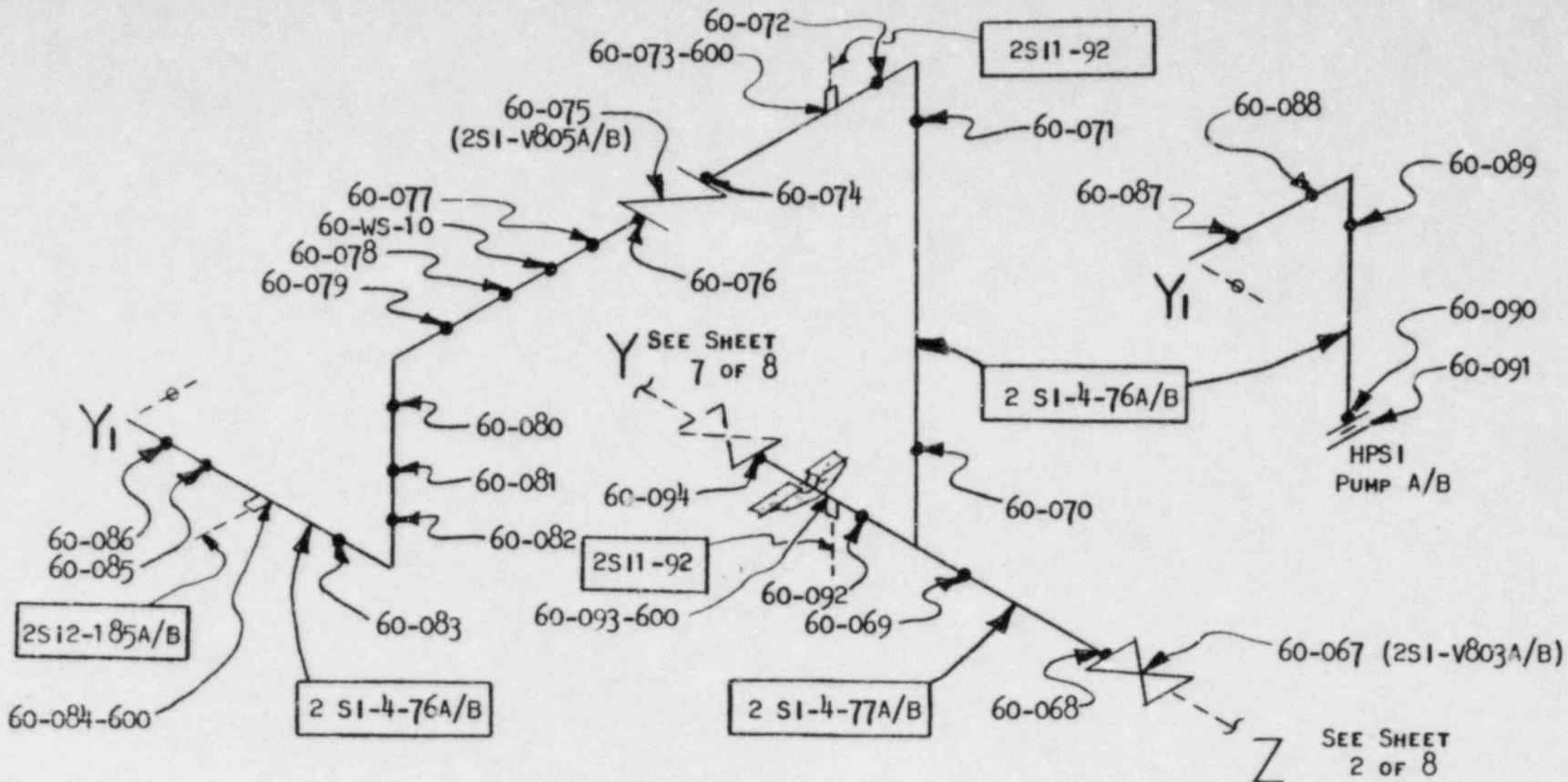


SHEET 5 OF 8

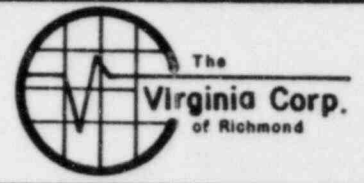


TITLE:  
HPSI DISCHARGE PIPING

DATE: 3/15/83  
ZONE: 60  
REVISION: 5

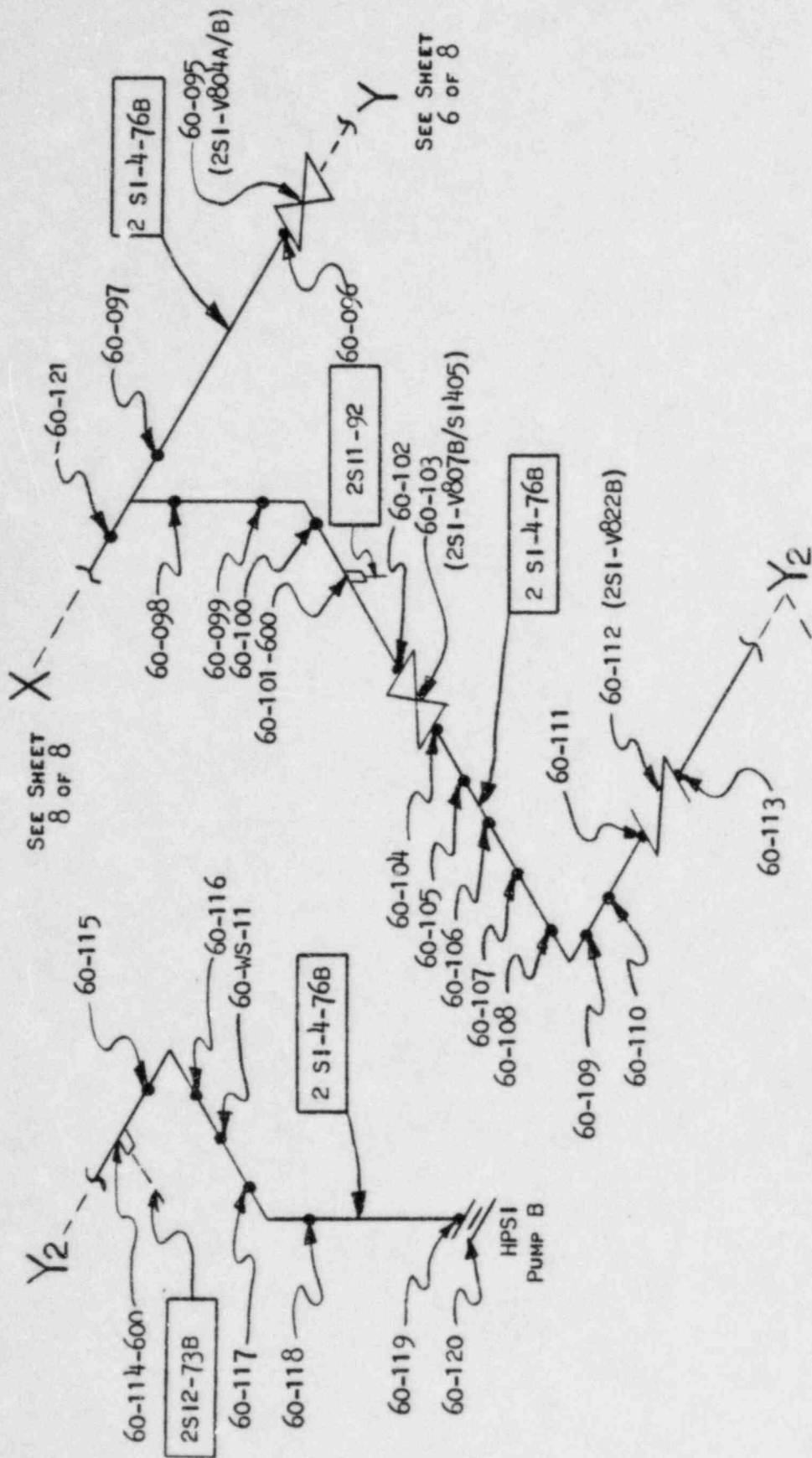



SHEET 6 OF 8

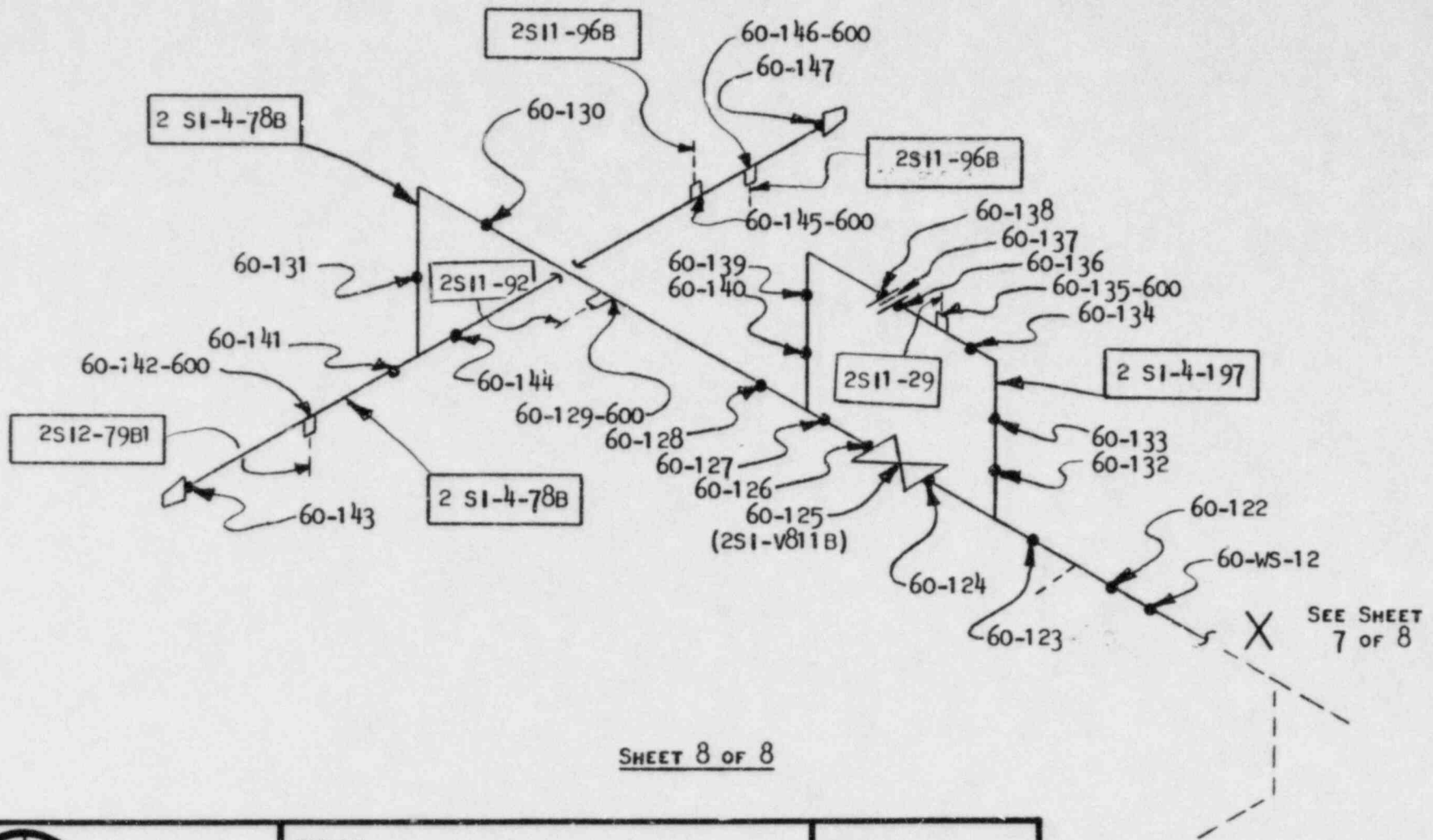


TITLE:  
HPSI DISCHARGE PIPING

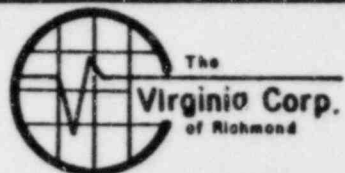
DATE: 3/15/83  
ZONE: 60  
REVISION: 5



	<p><b>TITLE:</b> HPSI DISCHARGE PIPING</p>	<p><b>DATE:</b> 3/15/83  <b>ZONE:</b> 60  <b>REVISION:</b> 5</p>
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SHEET 8 OF 8



TITLE:

HPSI DISCHARGE PIPING

DATE: 3/15/83

ZONE: 60

REVISION: 5

Examination requirements for this zone per ASME Section XI, 1977 Edition with addenda thru Summer 1978, require 100% surface examination per Table IWC-2500-1, Category C-F, Pressure Retaining Welds in Piping.

Based on an agreement made with the Nuclear Regulatory Commission, Louisiana Power & Light has elected to perform volumetric examinations on 10% of these welds in lieu of the surface examinations to ensure the structural integrity of the stagnant borated water piping systems which are highly susceptible to intergranular stress corrosion cracking.

Only those welds to be examined are tabulated on the examination description sheets included in this zone. However, all welds are illustrated on the isometric drawing for this zone in the event that additional inspection or alternate selections are required.



The  
**Virginia Corp.**  
of Richmond

**TITLE**

Containment Spray & Safety  
Injection Suction Piping - Loop A

**DATE:** 3/15/83**ZONE:** 61**REVISION:** 5



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

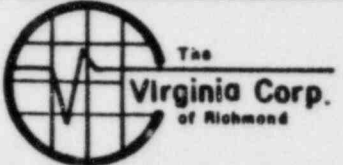
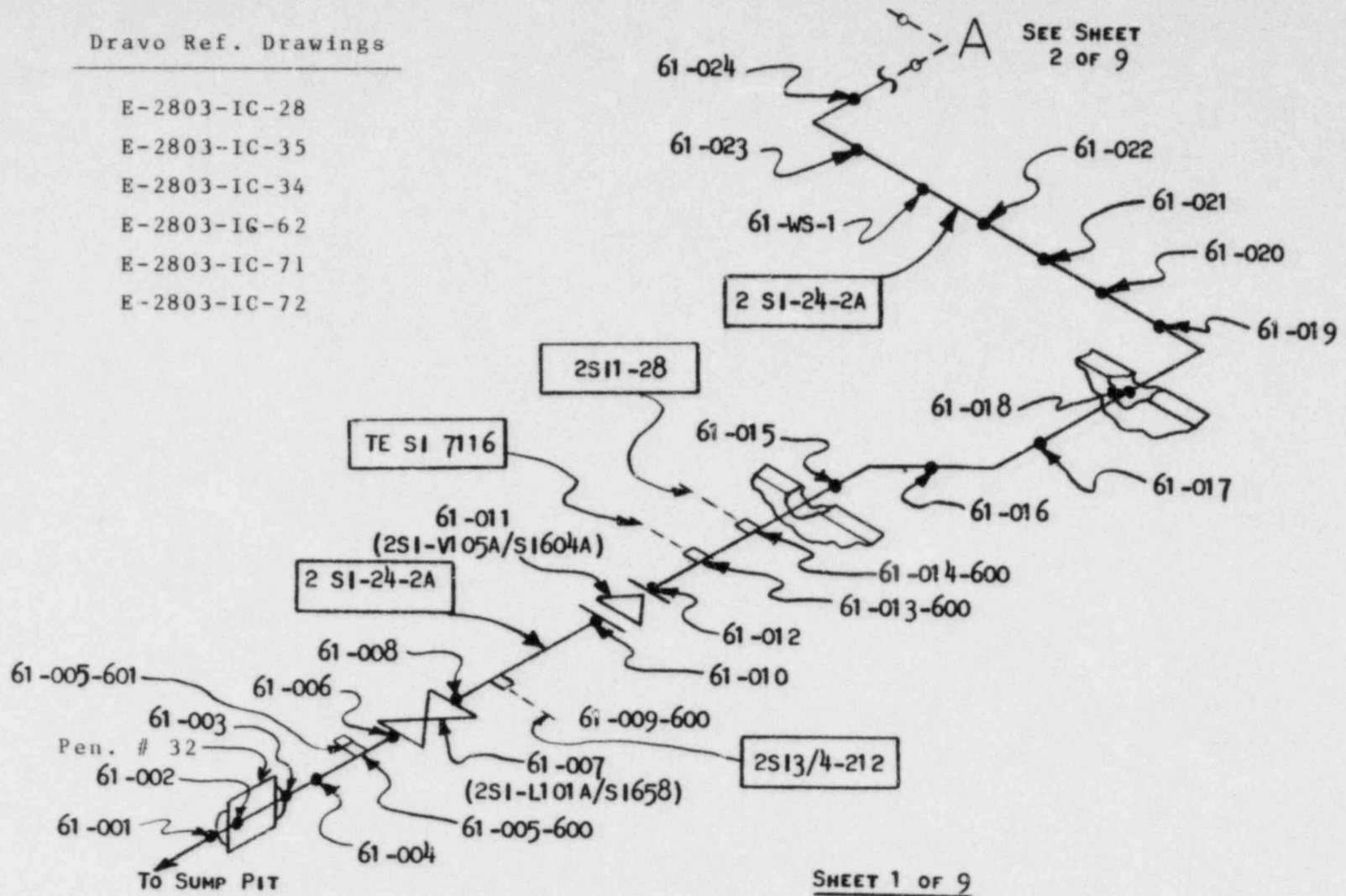
Zone: 61Date: 3/15/83Revision: 5

CONTAINMENT SPRAY & SAFETY INJECTION SUCTION PIPING - LOOP A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
61-041	ELL TO 24" SCH 20 PIPE WELD	C-F	VOLUMETRIC	ISI-2.7	UT-142
61-042	24" SCH 20 PIPE TO PIPE WELD				↓
61-046	20" SCH 20 PIPE TO ELL WELD				UT-123
61-047	ELL TO 20" SCH 20 PIPE WELD				↓
61-051	24" x 24" x 14" TEE TO 14" SCH 30 PIPE WELD				UT-120
61-053	ELL TO 14" SCH 30 PIPE WELD				
61-064	14" SCH 30 ELL TO ELL WELD				
61-071	14" x 8" RED. ELL TO FLANGE WELD				UT-113
61-073	24" x 24" x 10" TEE TO 10" SCH 40 PIPE WELD				UT-115
61-074	10" SCH 40 PIPE TO ELL WELD				
61-080	10" x 10" x 10" TEE TO 10" SCH 40 ELL WELD				
61-111	10" SCH 40 PIPE TO ELL WELD				
61-128	10" SCH 40 ELL TO ELL WELD				↓

Dravo Ref. Drawings

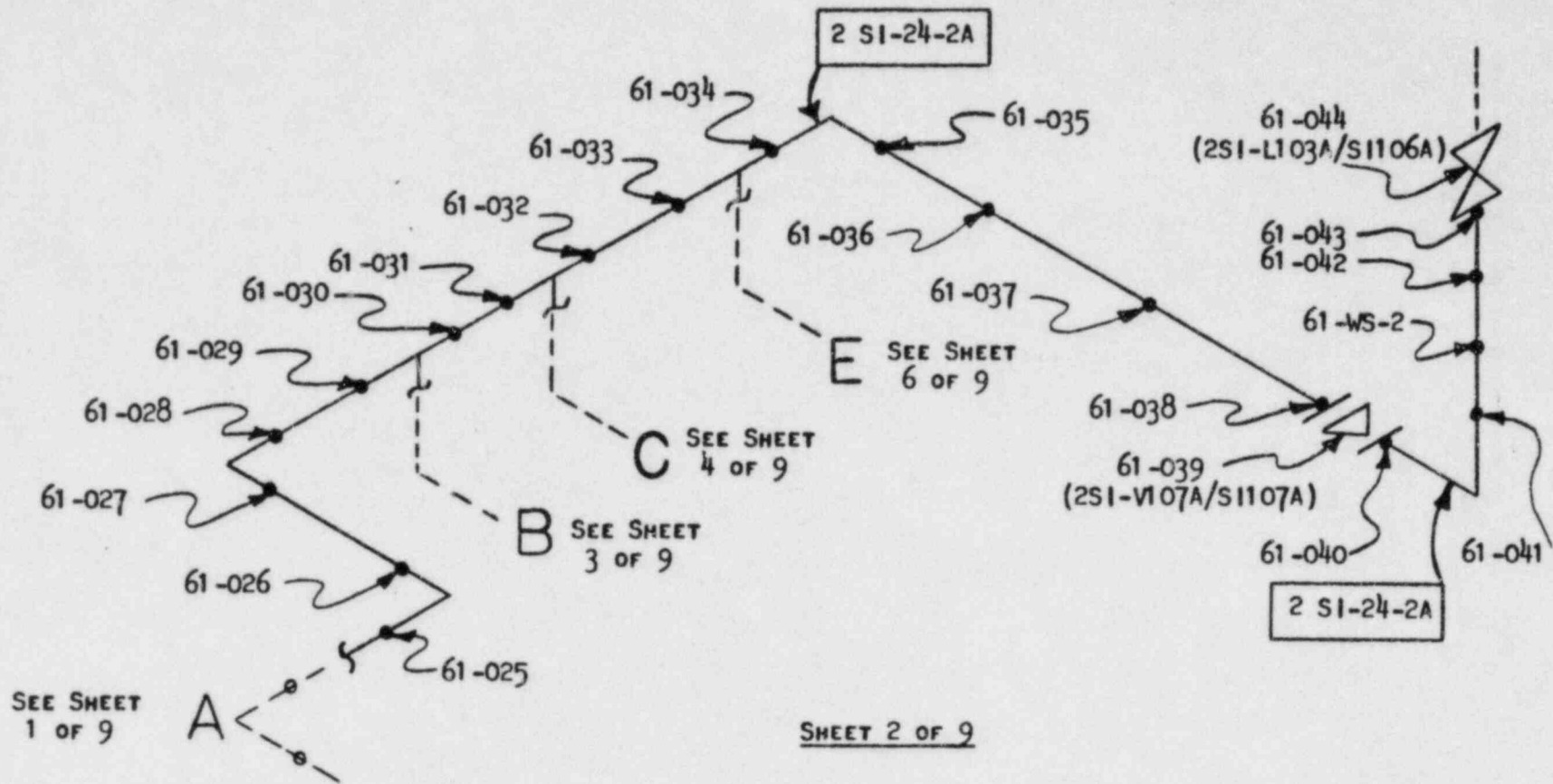
- E-2803-IC-28
- E-2803-IC-35
- E-2803-IC-34
- E-2803-IG-62
- E-2803-IC-71
- E-2803-IC-72



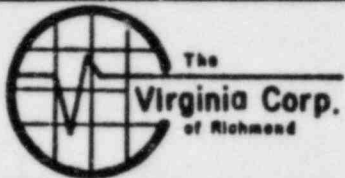
**TITLE:** CONTAINMENT SPRAY & SAFETY  
 INJECTION SUCTION PIPING - LOOP A

**DATE:** 3/15/83  
**ZONE:** 61  
**REVISION:** 5



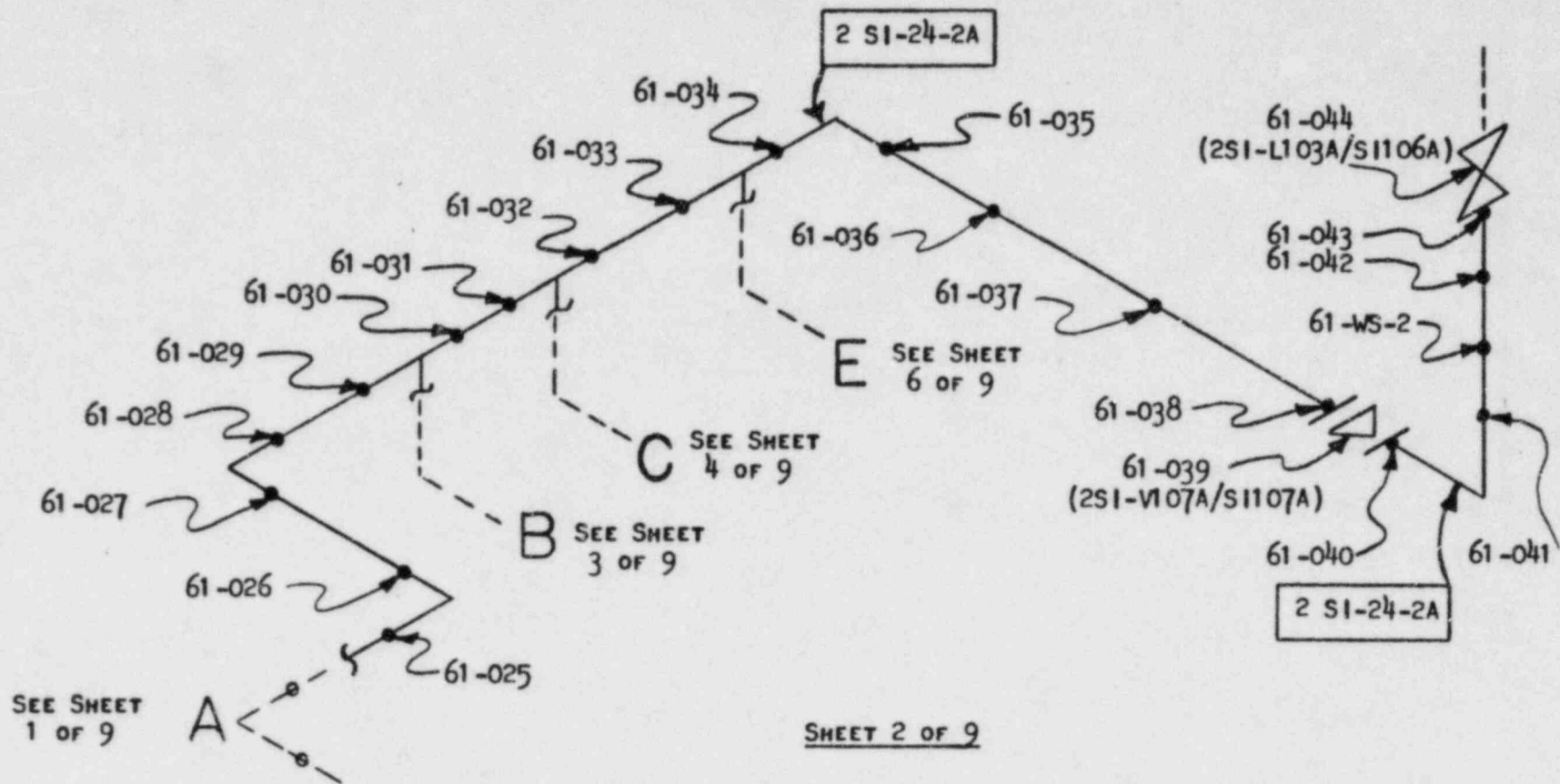


SHEET 2 OF 9



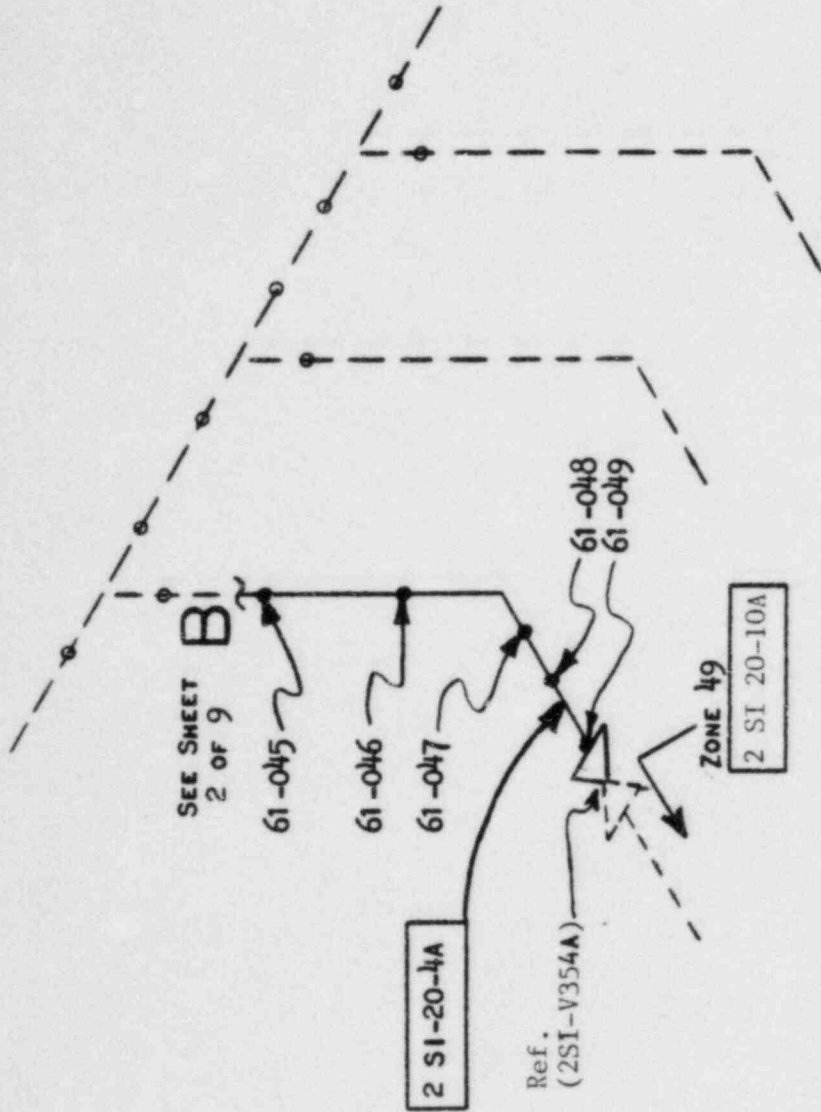
TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING - LOOP A

DATE: 3/15/83  
ZONE: 61  
REVISION: 5



TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING - LOOP A

DATE: 3/15/83  
ZONE: 61  
REVISION: 5

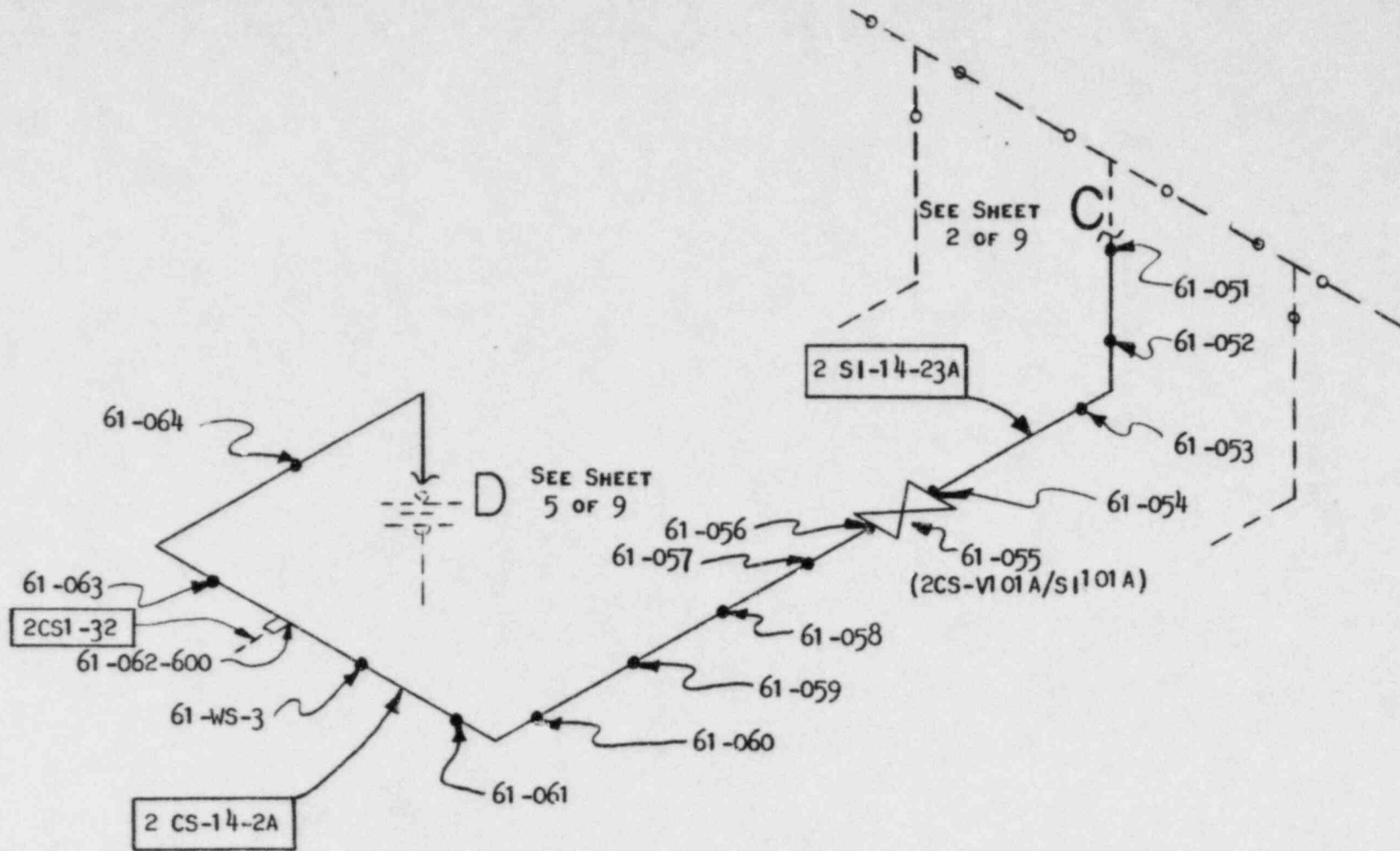


SHEET 3 OF 9

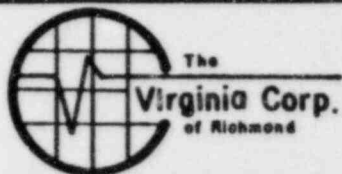
DATE: 3/15/83  
ZONE: 61  
REVISION: 5

TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING - LOOP A



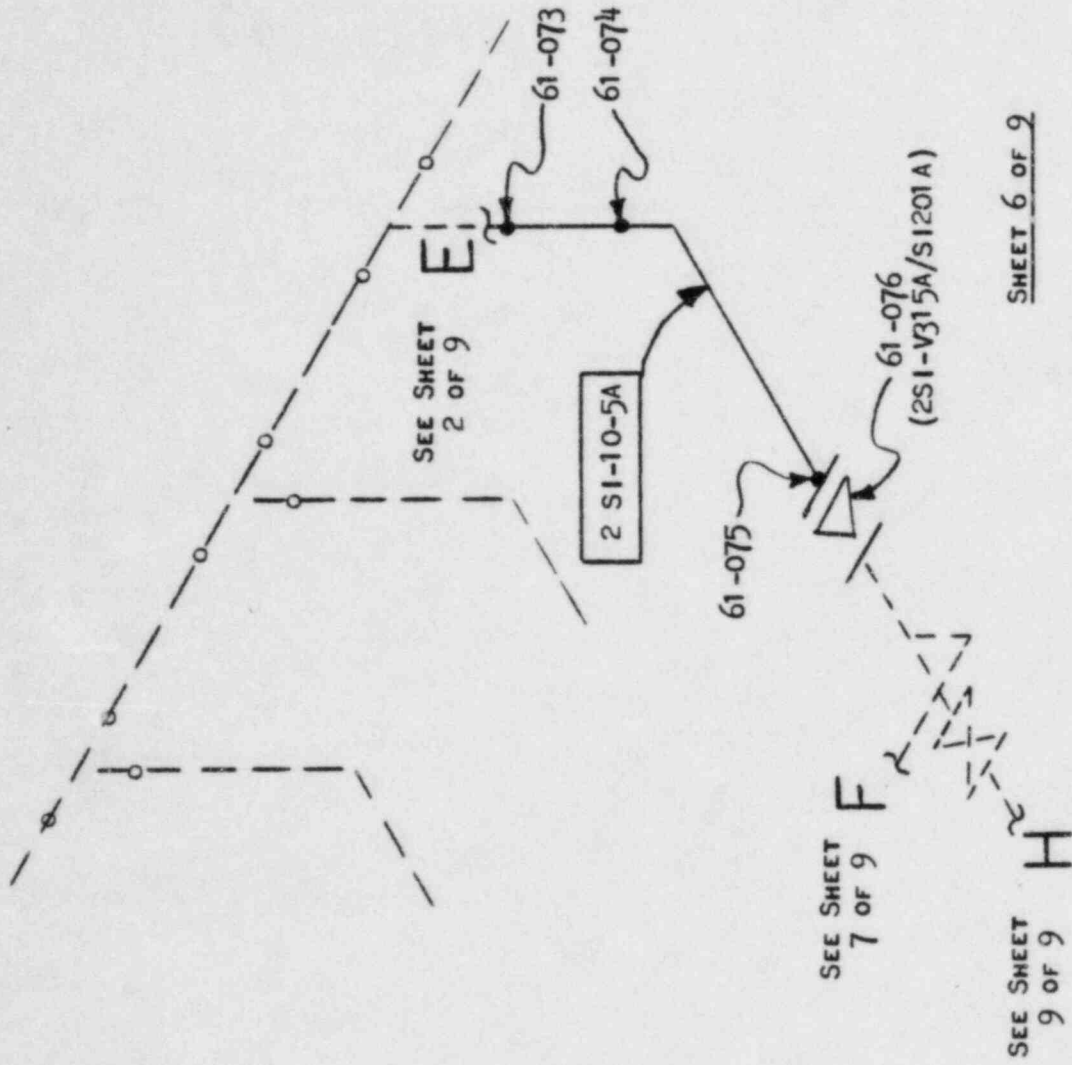


SHEET 4 OF 9



TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING - LOOP A

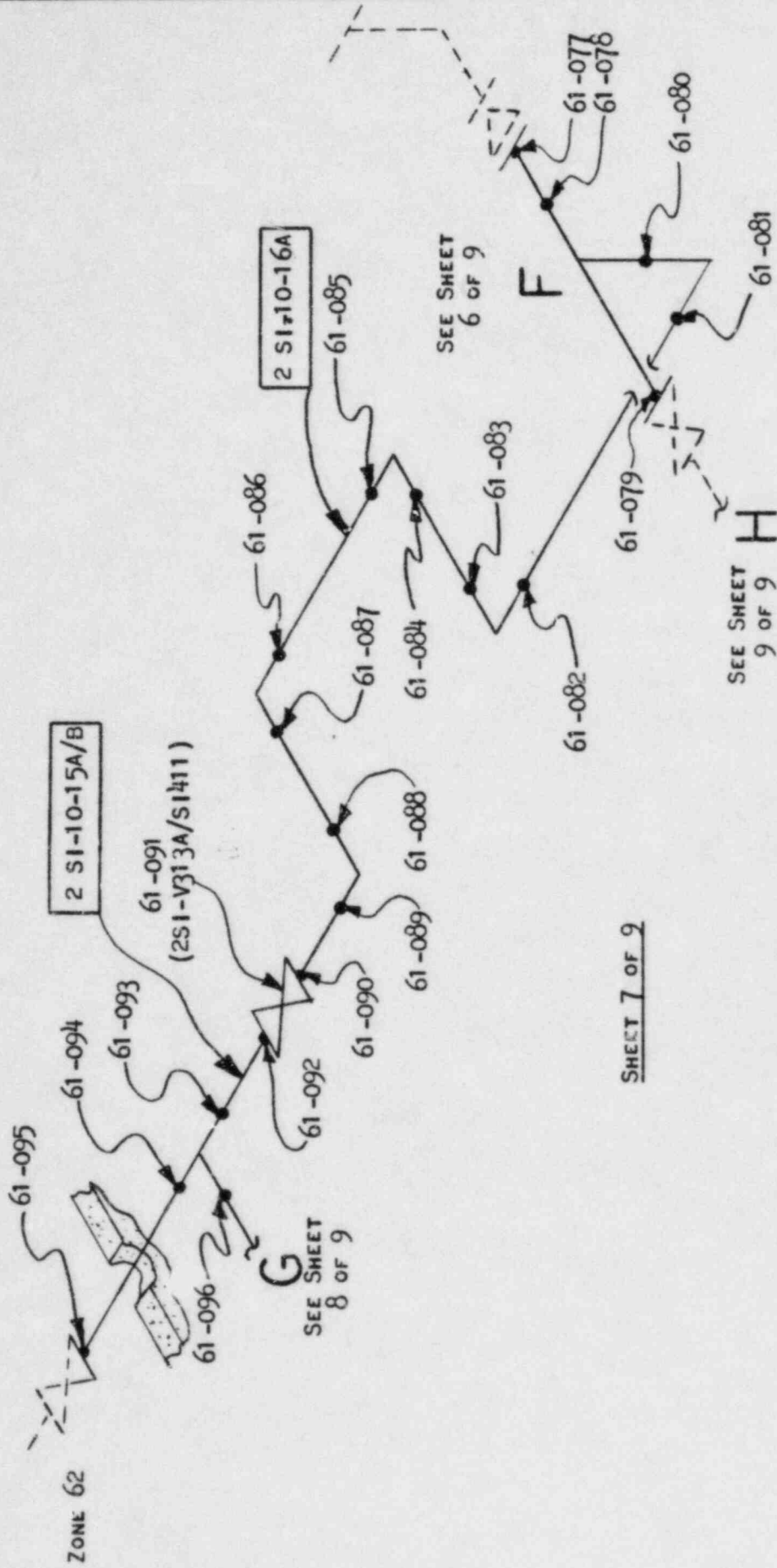
DATE: 3/15/83  
ZONE: 61  
REVISION: 5




DATE: 3/15/83  
ZONE: 61  
REVISION: 5

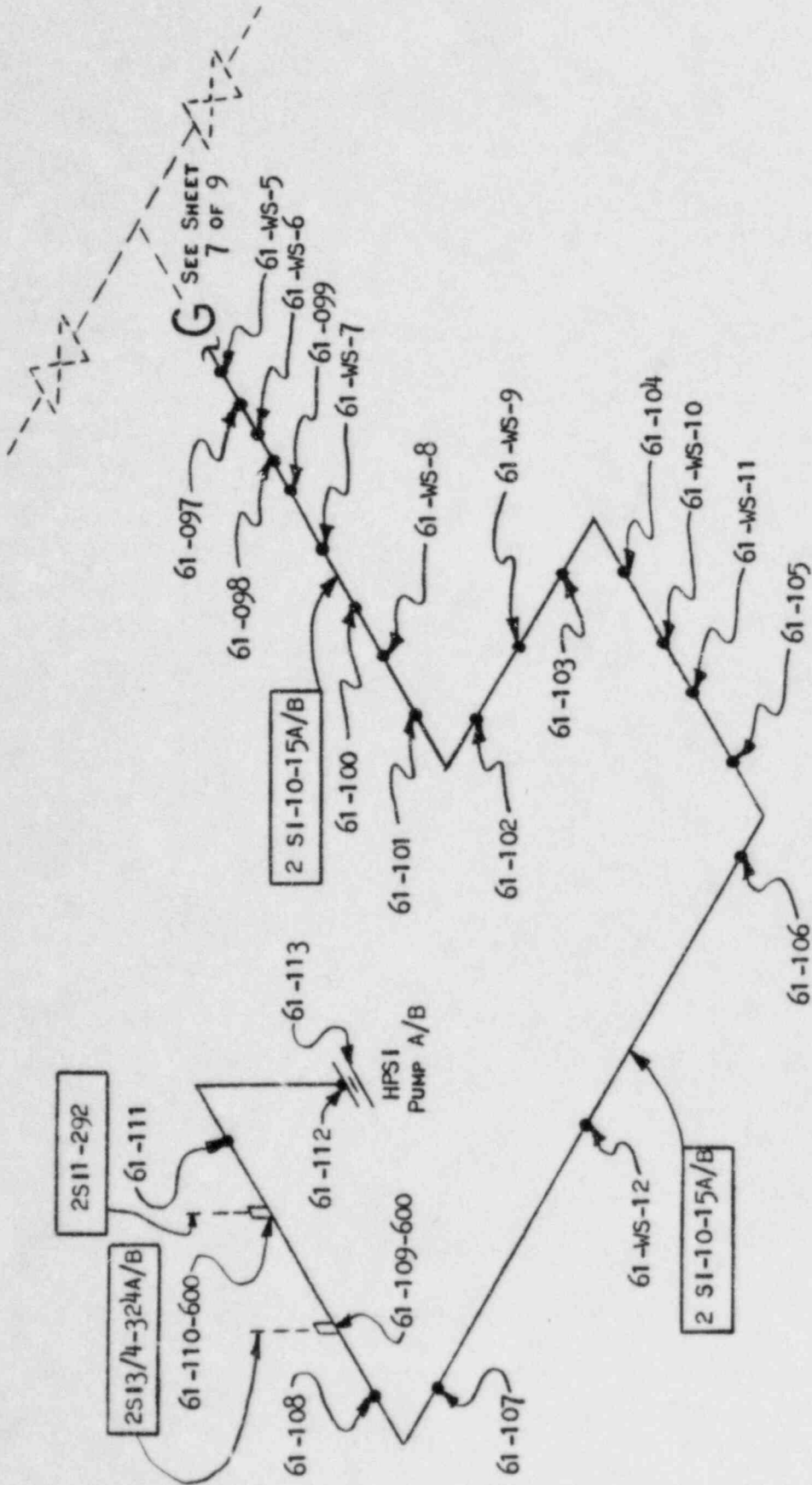
TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING LOOP A



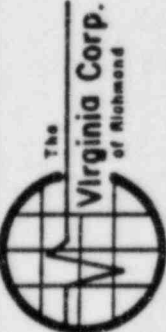


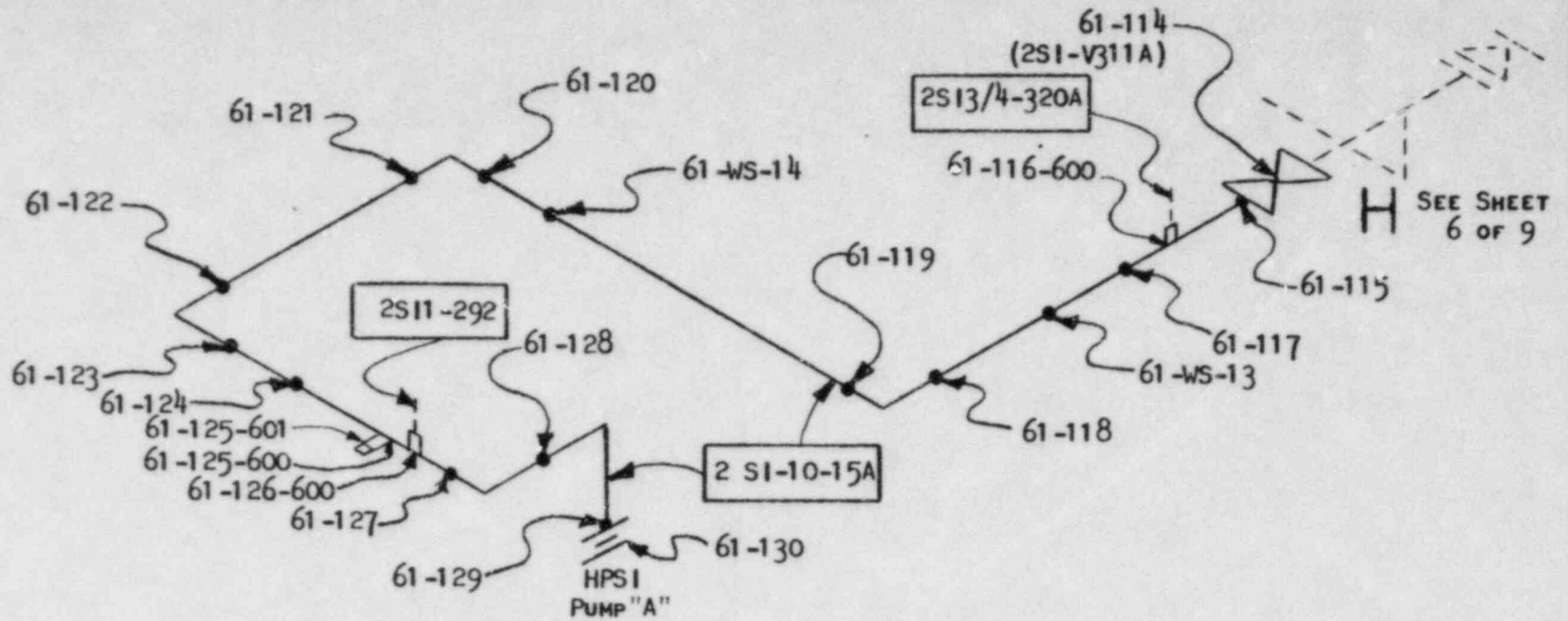
SHEET 7 OF 9

	<b>TITLE:</b> CONTAINMENT SPRAY & SAFETY INJECTION SUCTION PIPING - LOOP A		<b>DATE:</b> 3/15/83 <b>ZONE:</b> 61 <b>REVISION:</b> 5
	SEE SHEET 8 OF 9 SEE SHEET 6 OF 9 SEE SHEET 9 OF 9		



SHEET 8 OF 9

	<p>TITLE: CONTAINMENT SPRAY &amp; SAFETY INJECTION SUCTION PIPING, LOOP A</p>	<p>DATE: 3/15/83 ZONE: 61 REVISION: 5</p>
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SHEET 9 OF 9



TITLE: CONTAINMENT SPRAY & SAFETY  
INJECTION SUCTION PIPING - LOOP A

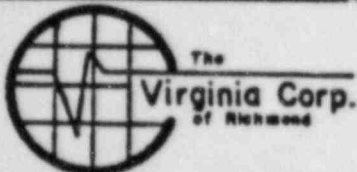
DATE: 3/15/83  
ZONE: 61  
REVISION: 5



Examination requirements for this zone per ASME Section XI, 1977 Edition with addenda thru Summer 1978, require 100% surface examination per Table IWC-2500-1, Category C-F, Pressure Retaining Welds in Piping.

Based on an agreement made with the Nuclear Regulatory Commission, Louisiana Power & Light has elected to perform volumetric examinations on 10% of these welds in lieu of the surface examinations to ensure the structural integrity of the stagnant borated water piping systems which are highly susceptible to intergranular stress corrosion cracking.

Only those welds to be examined are tabulated on the examination description sheets included in this zone. However, all welds are illustrated on the isometric drawing for this zone in the event that additional inspection or alternate selections are required.

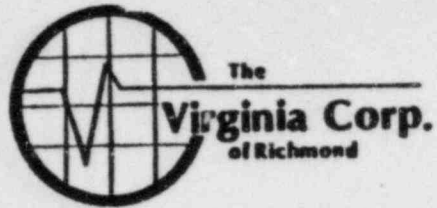
**TITLE**

Containment Spray and Safety  
Injection Suction Piping - Loop B

DATE: 3/15/83

ZONE: 62

REVISION: 5



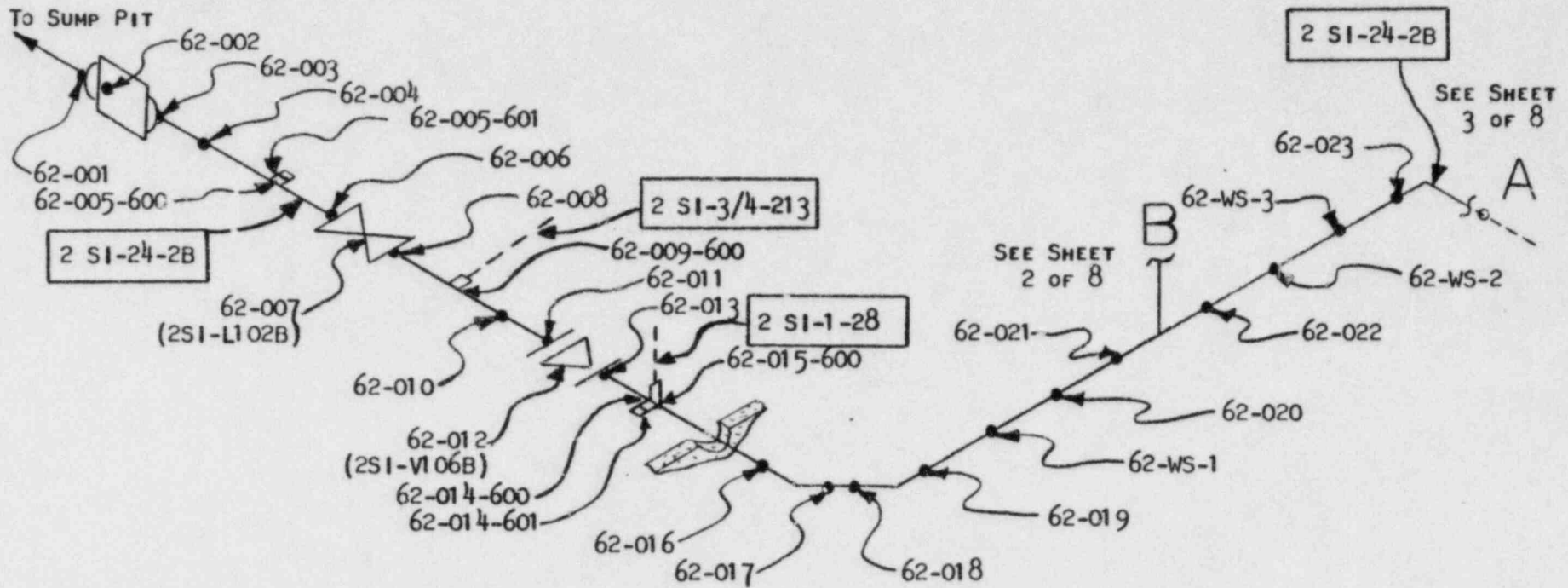
**PROGRAM PLAN**  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 62Date: 3/15/83Revision: 5CONTAINMENT SPRAY & SAFETY INJECTION SUCTION PIPING - LOOP B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
62-041	10" SCH 40 PIPE TO ELL WELD	C-F	VOLUMETRIC	ISI-2.7	UT-115
62-047	10" x 10" x 10" TEE TO 10" SCH 40 ELL WELD				↓
62-048	ELL TO 10" SCH 40 PIPE WELD				↓
62-075	24" x 24" x 14" TEE TO 14" SCH 20 PIPE WELD				UT-120
62-076	14" SCH 20 PIPE TO ELL WELD				↓
62-078	14" SCH 20 PIPE TO VALVE END WELD				↓
62-088	14" SCH 20 ELL TO ELL WELD				↓
62-089	14" SCH 20 ELL TO FLANGE END WELD				↓
62-094	14" SCH 20 PIPE TO 14" x 8" RED. ELL WELD				↓
62-098	24" x 24" x 20" TEE TO 20" SCH 20 PIPE WELD				UT-123
62-099	20" SCH 20 PIPE TO ELL WELD	↓	↓	↓	↓

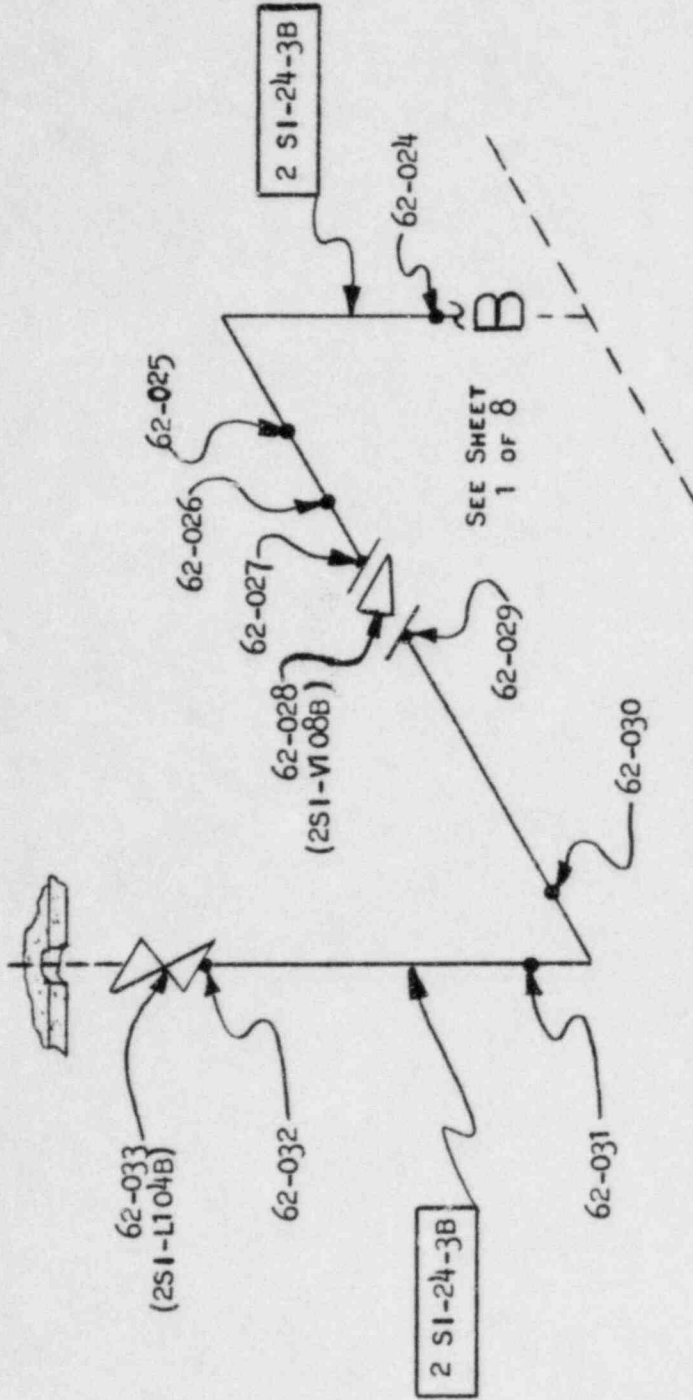
DRAWG REF. DRAWINGS

- E-2803-IC-102
- E-2803-IC-63
- E-2803-IC-36
- E-2803-ic-28
- E-2803-IC-37
- E-3029-LW3-CS-2

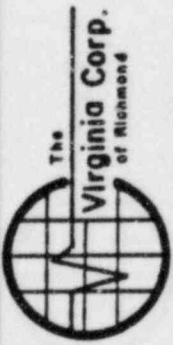


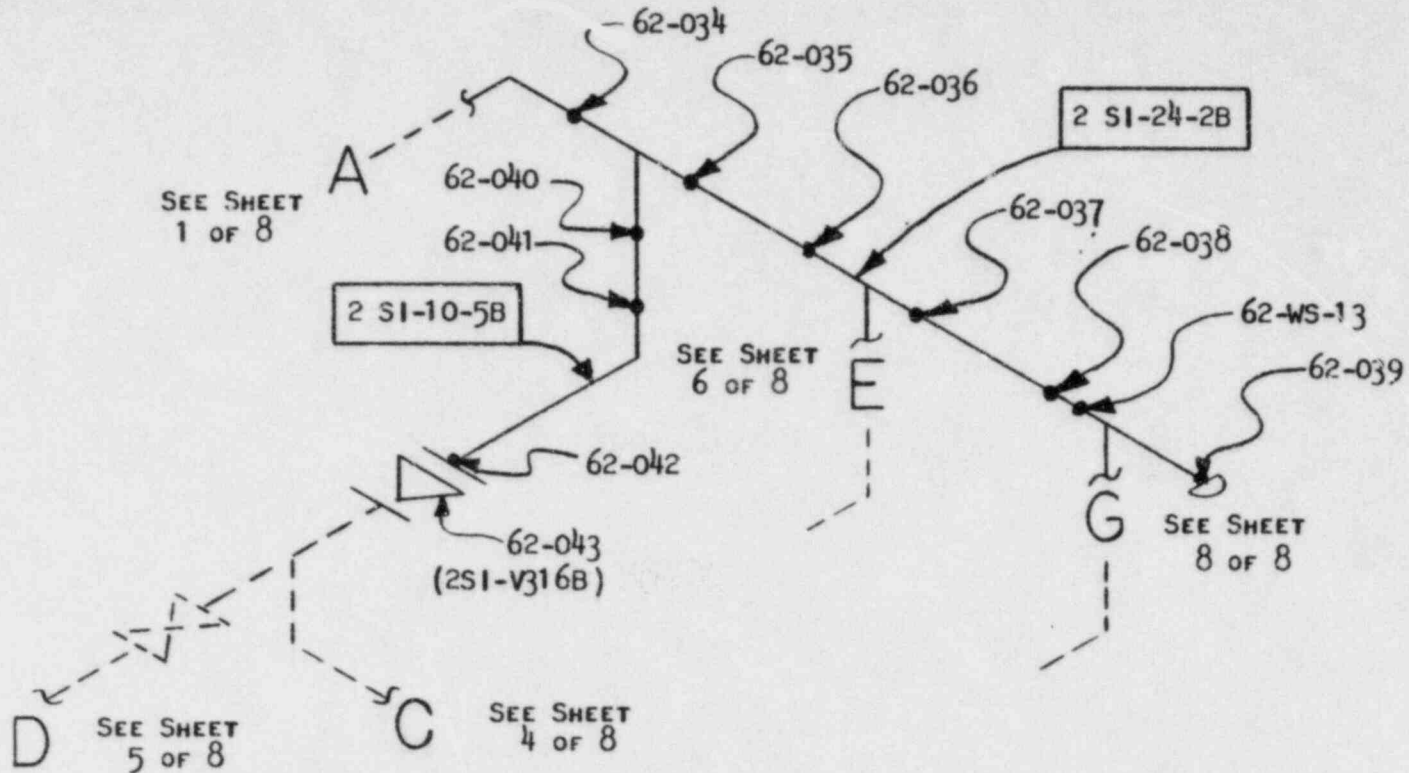
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 INJECTION SUCTION PIPING - LOOP B

**DATE:** 3/15/83  
**ZONE:** 62  
**REVISION:** 5

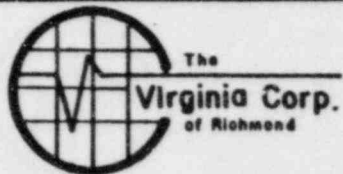


SHEET 2 OF 8

	<p><b>TITLE:</b> CONTAINMENT SPRAY &amp; SAFETY INJECTION SUCTION PIPING - LOOP B</p>	<p><b>DATE:</b> 3/15/83 <b>ZONE:</b> 62 <b>REVISION:</b> 5</p>
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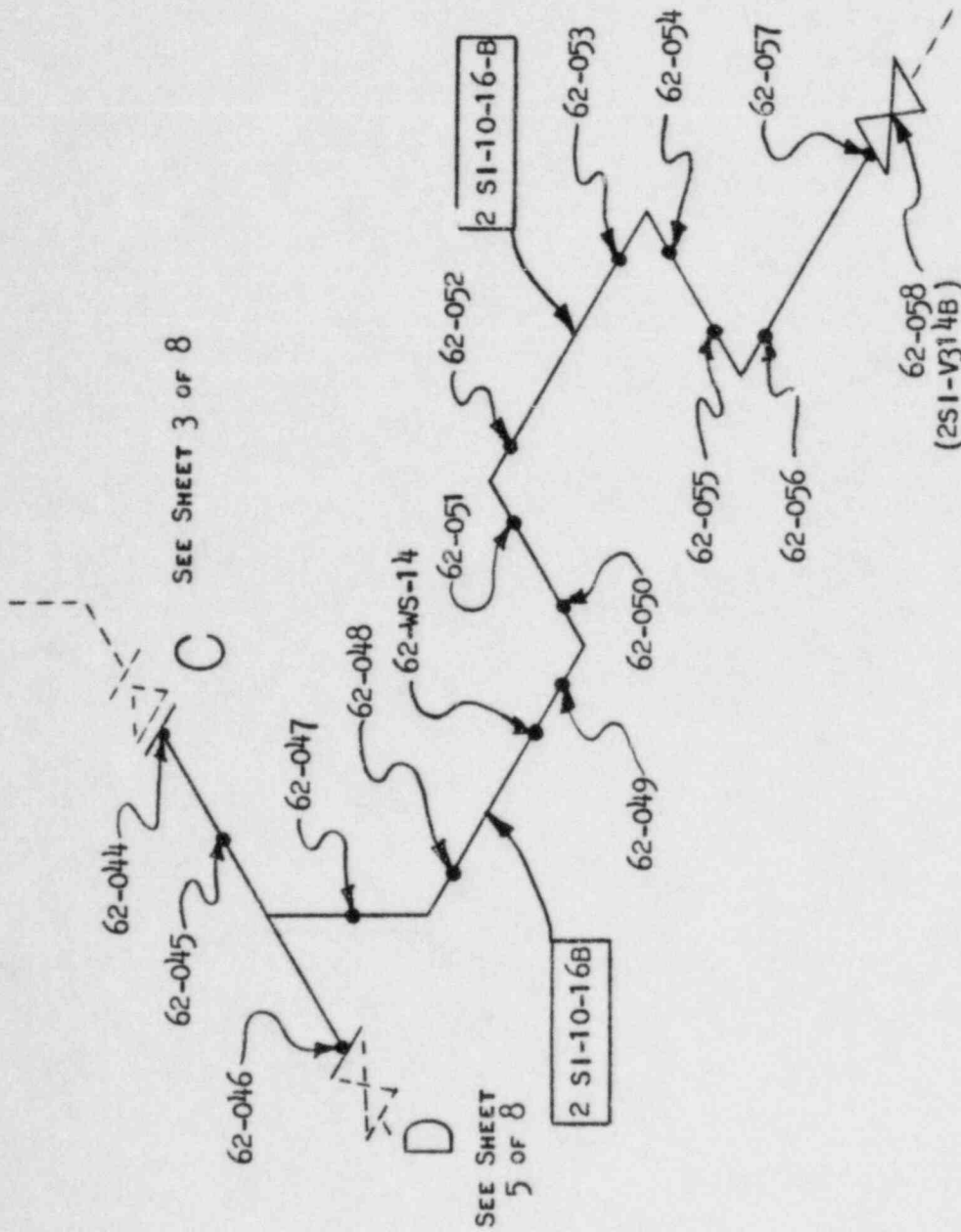


SHEET 3 OF 8




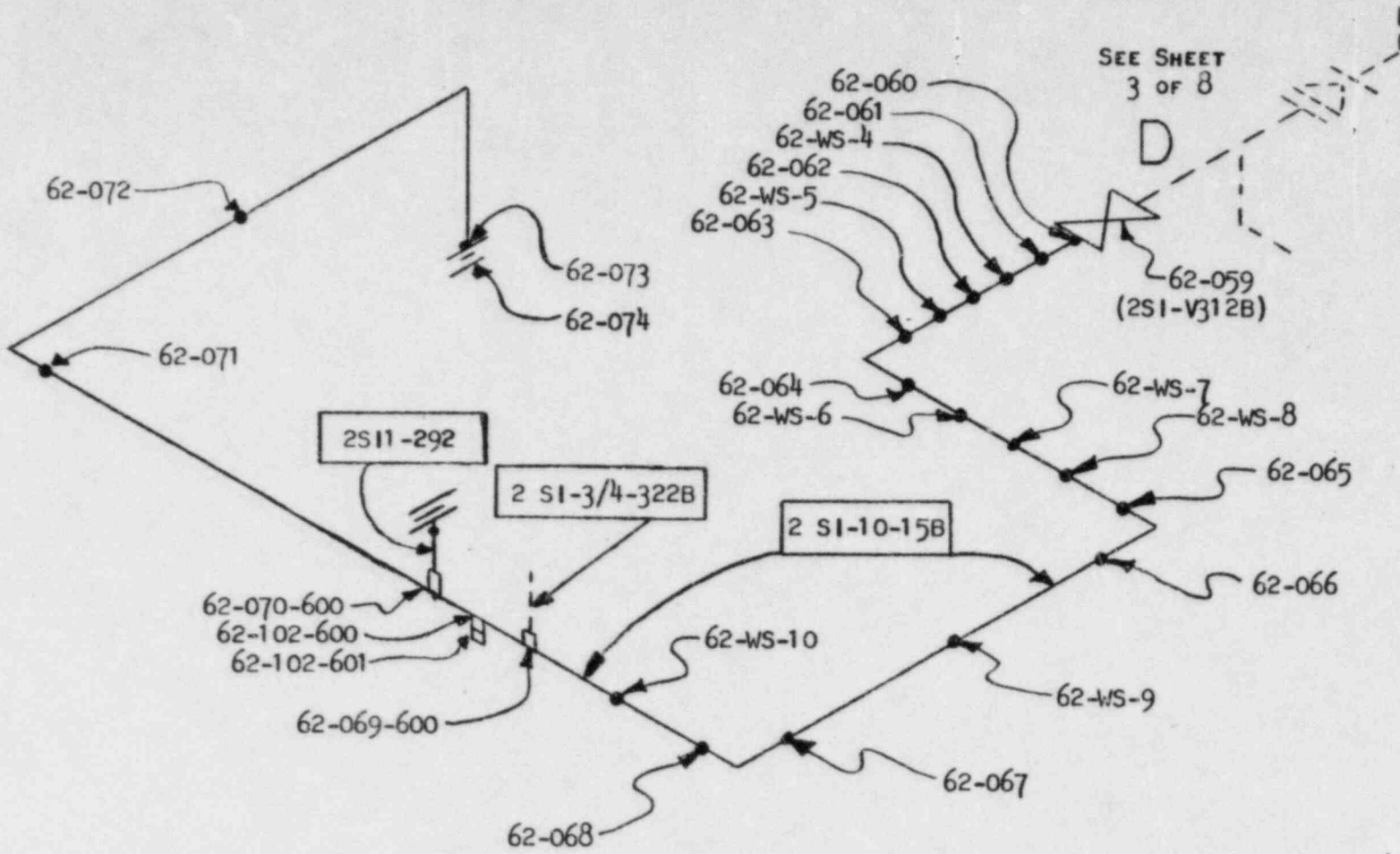
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INJECTION SUCTION PIPING - LOOP B

**DATE:** 3/15/83  
**ZONE:** 62  
**REVISION:** 5

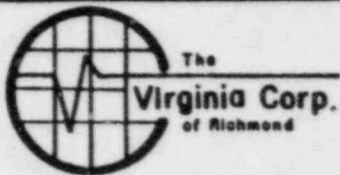


SHEET 4 OF 8

	<b>TITLE:</b> CONTAINMENT SPRAY & SAFETY INJECTION SUCTION PIPING - LOOP B	<b>DATE:</b> 3/15/83 <b>ZONE:</b> 62 <b>REVISION:</b> 5
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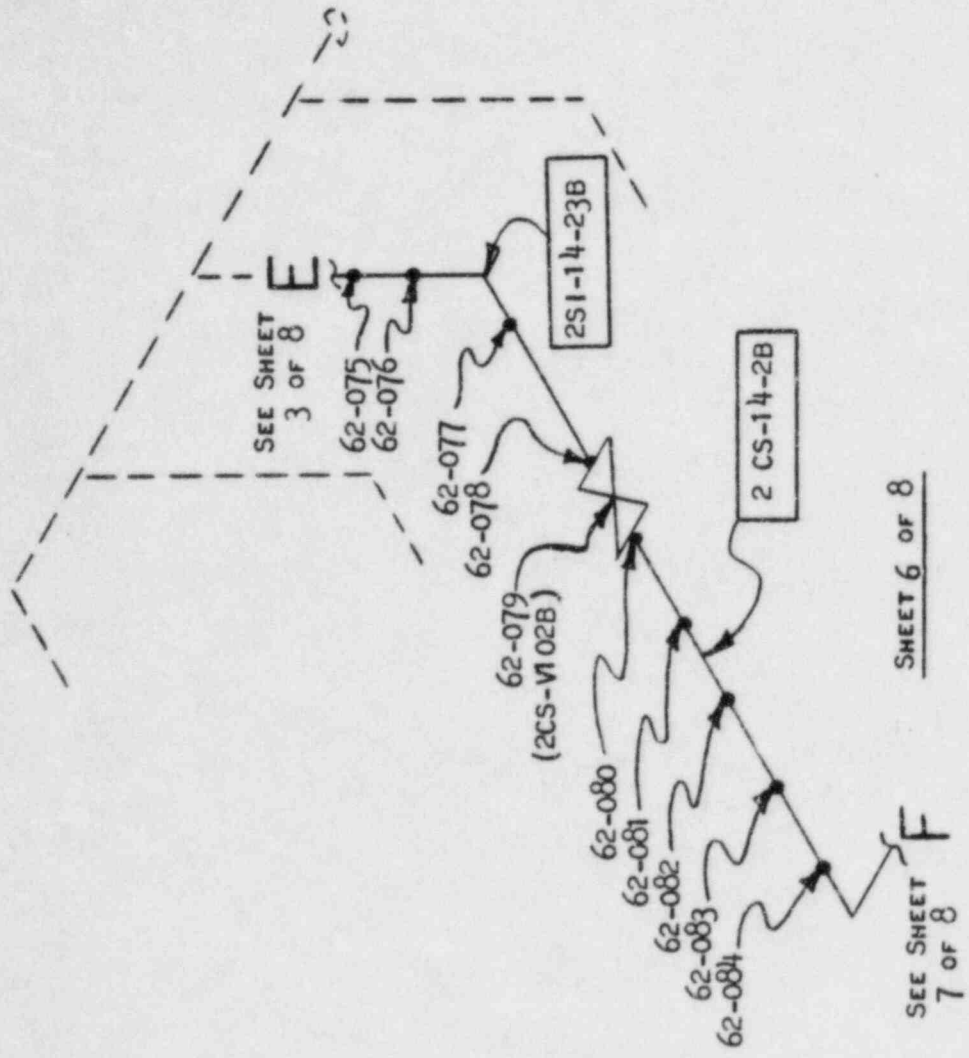



SHEET 5 OF 8



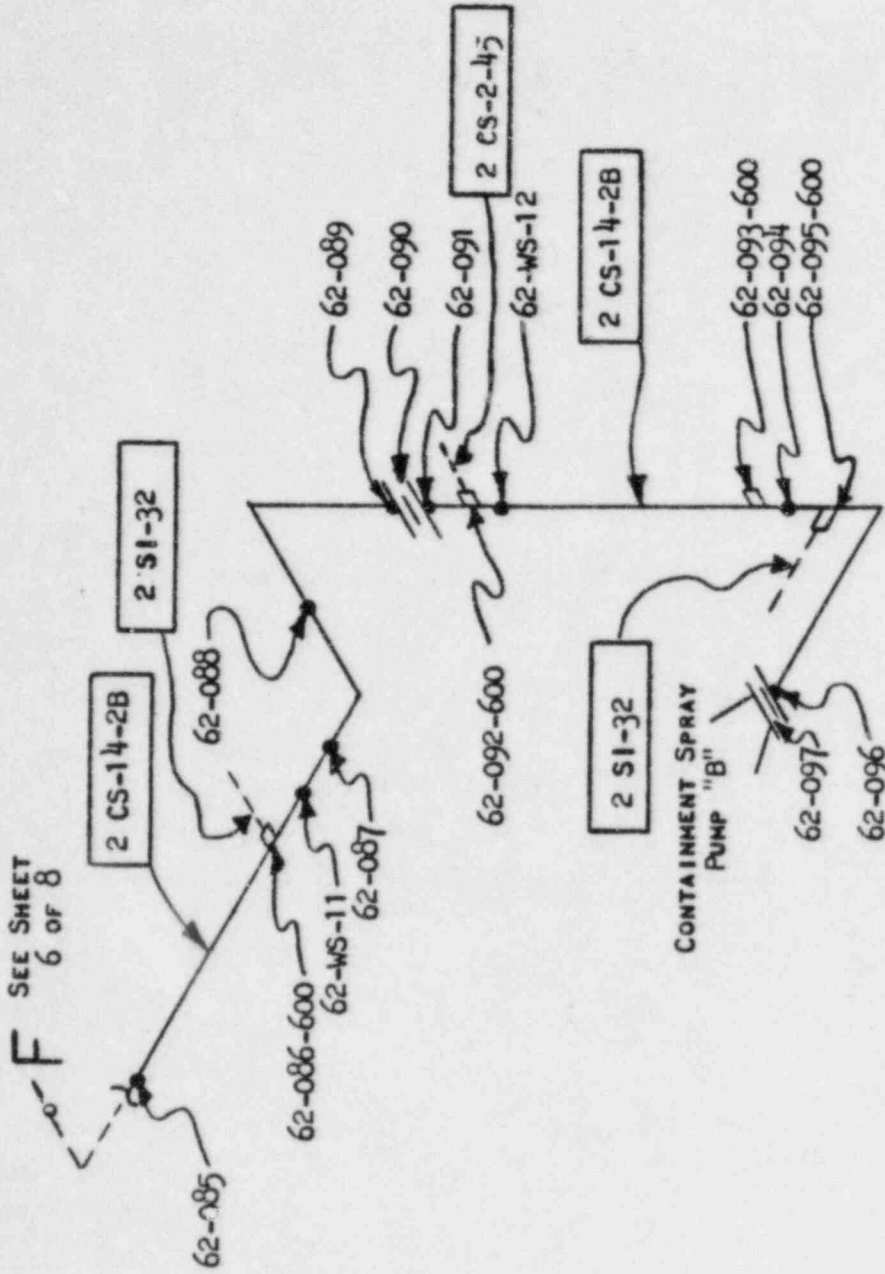
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INJECTION SUCTION PIPING - LOOP B

DATE: 3/15/83  
ZONE: 62  
REVISION: 5



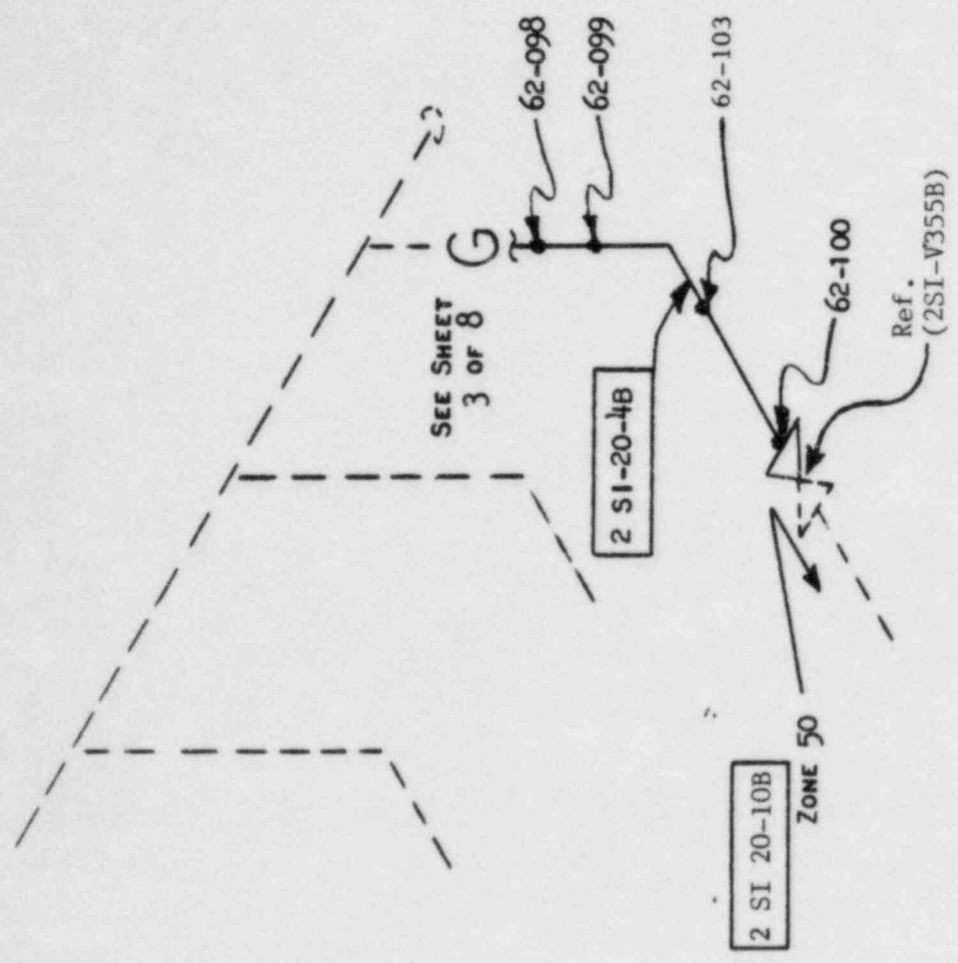
 <p>The Virginia Corp. of Richmond</p>	<p><b>TITLE:</b> CONTAINMENT SPRAY &amp; SAFETY INJECTION SUCTION PIPING - LOOP B</p>	<p><b>DATE:</b> 3/15/83 <b>ZONE:</b> 62 <b>REVISION:</b> 5</p>
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SHEET 7 OF 8

	<p><b>TITLE:</b> CONTAINMENT SPRAY &amp; SAFETY INJECTION SUCTION PIPING - LOOP B</p>	<p><b>DATE:</b> 3/15/83 <b>ZONE:</b> 62 <b>REVISION:</b> 5</p>
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SHEET 8 OF 8

	<p><b>TITLE:</b> CONTAINMENT SPRAY &amp; SAFETY INJECTION SUCTION PIPING - LOOP B</p>	<p><b>DATE:</b> 3/15/83 <b>ZONE:</b> 62 <b>REVISION:</b> 5</p>
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PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 64

Date: 3/15/83

Revision: 5

## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-001	VALVE END TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
64-002	10" SCH 40 PIPE TO 10"x10"x4" TEE WELD	↓	↓	↓	↓
64-003	10"x10"x4" TEE TO 4" SCH 40 PIPE WELD	↓	EXEMPT IWC-1220 (D)	N/A	↓
64-004	4" SCH 40 PIPE TO VALVE END WELD	↓	↓	↓	↓
64-005	VALVE 2CS-V309A	N/A	N/A	N/A	↓
64-006	10"x10"x4" TEE TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	↓
64-007-600	2CS 1-32 FROM 2CS 10-7A TO VALVE 2CS-V604-3	↓	EXEMPT IWC-1220 (D)	N/A	↓
64-008	10" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-009	ELL TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
64-010	10" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-011	ELL TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
64-WS-1	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
64-012	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	↓
64-013	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓

\*NOTE: " THE REQUIREMENTS OF PARAGRAPH (B)(2)(IV)(A) OF 10CFR 50.55A APPLY TO THIS ZONE".



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 64Date: 3/15/83Revision: 5

## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-014	10" SCH 40 PIPE TO ELL WELD	C-F	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-015	ELL TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
64-016	10" SCH 40 PIPE TO PIPE WELD	↓	↓	↓	
64-WS-2	WELDED SUPPORT	C-C	(LESS THAN 3/4")	N/A	
64-017	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
64-018	10" SCH 40 PIPE TO PIPE WELD	↓	↓	↓	
64-WS-3	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
64-019	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
64-020	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	
64-WS-4	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
64-021	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
64-WS-5	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
64-022	10" SCH 40 PIPE TO FLANGE WELD	C-F	SURFACE	ISI-3.1	
64-023-600	2CS $\frac{1}{2}$ -28 FROM 2CS 10-7A TO VALVE 2CS-V603-8	↓	EXEMPT IWC-1220 (D)	N/A	↓

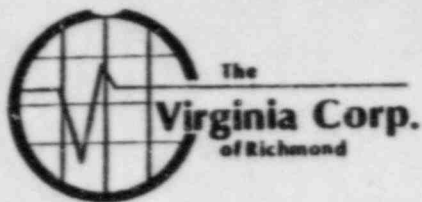


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 64Date: 3/15/83Revision: 5

## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-024	FLANGE	N/A	N/A	N/A	N/A
64-025-600	2CS $\frac{1}{2}$ -28 FROM 2CS 10-7A TO VALVE 2CS-V603-7	C-F	EXEMPT IWC-1220 (D)	↓	
64-026	FLANGE TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	
64-027	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	
64-028	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	
64-029	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	
64-030	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	
64-WS-6	WELDED SUPPORT	C-C	(LESS THAN 3/4")	N/A	
64-031	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
64-032	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-033	10" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-034	ELL TO 10" SCH 40 PIPE WELD	↓	SURFACE	ISI-3.1	N/A
64-035-600	2CS1-32 FROM 2CS 10-7A TO VALVE 2CS-V604-13	↓	EXEMPT IWC-1220(D)	N/A	↓
64-036	10" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	↓



PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 64Date: 3/15/83Revision: 5

## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-037	ELL TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
64-038-600	2CS3/4-51 FROM 2CS 10-7A TO VALVE 2CS-V603-9	↓	EXEMPT IWC-1220 (D)	N/A	↓
64-039	10" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	↓
64-040	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-WS-7	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
64-041-600	2CS1-32 FROM 2CS 10-7A TO VALVE 2CS-V604-12	C-F	EXEMPT IWC-1220 (D)	↓	↓
64-042	10" SCH 40 PIPE TO VALVE END WELD	↓	SURFACE	ISI-3.1	↓
64-043	VALVE 2CS-F305A	N/A	N/A	N/A	↓
64-044	VALVE END TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	↓
64-045-600	2CS2-27A FROM 2CS 10-12A TO VALVE 2CS-V601-2	↓	EXEMPT IWC-1220 (D)	N/A	↓
64-046	10" SCH 40 PIPE TO ELL WELD	↓	SURFACE	ISI-3.1	↓
64-047	ELL TO 10" SCH 40 PIPE WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-048-600	2CS3/4-54 FROM 2CS 10-12A TO VALVE 2CS-V610-1	↓	EXEMPT IWC-1220 (D)	N/A	N/A
64-049	10" SCH 40 PIPE TO ELL WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115

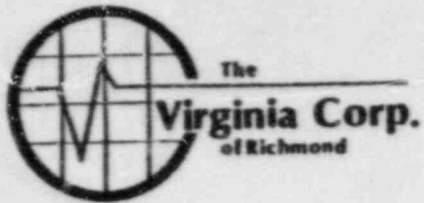


PROGRAM PLAN  
Waterford III  
EBASCO Services Inc.  
Louisiana Power & Light

Zone: 64Date: 3/15/83Revision: 5

## CONTAINMENT SPRAY DISCHARGE PIPING -A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block <sup>®</sup> No.
64-050	ELL TO 10" SCH 40 PIPE WELD	C-F	SURFACE	ISI-3.1	N/A
64-051	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
64-052	ELL TO 10" SCH 40 PIPE WELD	↓	VOL. & SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-WS-8	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
64-053	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	↓
64-054	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
64-055	ELL TO 10" SCH 40 PIPE WELD	↓	VOL. AND SURF. (SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-056	10" SCH 40 PIPE TO OUTER PEN. 3/4" WELD	C-C	EXEMPT (LESS THAN 3/4")	N/A	N/A
64-057	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	↓
64-058	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-WS-9	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	↓
64-059	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	↓
64-060	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
64-061	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓



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## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-062	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	N/A
64-063	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-064	10" SCH 40 PIPE TO PIPE WELD	↓	↓	↓	↓
64-WS-12	WELDED SUPPORT	C-C			
64-065	10" SCH 40 PIPE TO PIPE WELD	C-F			
64-066	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
64-067	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-WS-10	WELDED SUPPORT	C-C	EXEMPT (LESS THAN 3/4")	N/A	
64-068	10" SCH 40 PIPE TO ELL WELD	C-F	SURFACE	ISI-3.1	
64-069	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓
64-WS-11	WELDED SUPPORT	C-C			
64-070	10" SCH 40 PIPE TO PIPE WELD	C-F			
64-071	10" SCH 40 PIPE TO ELL WELD	↓	↓	↓	↓
64-072	ELL TO 10" SCH 40 PIPE WELD	↓	↓	↓	↓



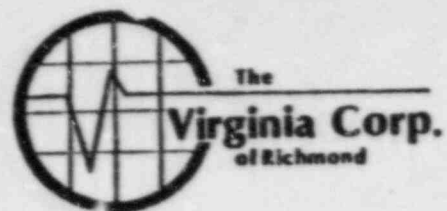


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## CONTAINMENT SPRAY DISCHARGE PIPING - A

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-073	10" SCH 40 PIPE TO ELL WELD	C-F	VOL. & SURF. *(SEE NOTE)	ISI-2.7 & ISI-3.1	UT-115
64-074	ELL TO 10" SCH 40 PIPE WELD		SURFACE	ISI-3.1	N/A
64-075	10" SCH 40 PIPE TO PIPE WELD				
64-076	10" SCH 40 PIPE TO PIPE WELD				
64-077	10" SCH 40 PIPE TO ELL WELD				
64-078	ELL TO 10" SCH 40 PIPE WELD				
64-079	10" SCH 40 PIPE TO PIPE WELD				
64-080	STEEL CONTAINMENT SHELL TO 10" PIPE WELD	C-C	EXEMPT (LESS THAN 3/4")	N/A	
64-081	STEEL CONTAINMENT SHELL TO 10" PIPE WELD				
64-082	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
64-083	10" SCH 40 PIPE TO PIPE WELD				
64-084-600	2CS $\frac{1}{2}$ -50B FROM 2CS10-12A TO VALVE 2CS-E609B		EXEMPT IWC-1220 (D)	N/A	
64-085	10" SCH 40 PIPE TO ELL WELD		SURFACE	ISI-3.1	
64-086	10" SCH 40 ELL TO VALVE END WELD				



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CONTAINMENT SPRAY DISCHARGE PIPING - A

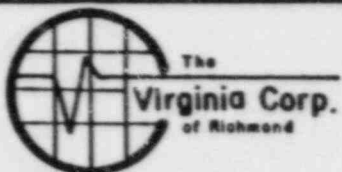
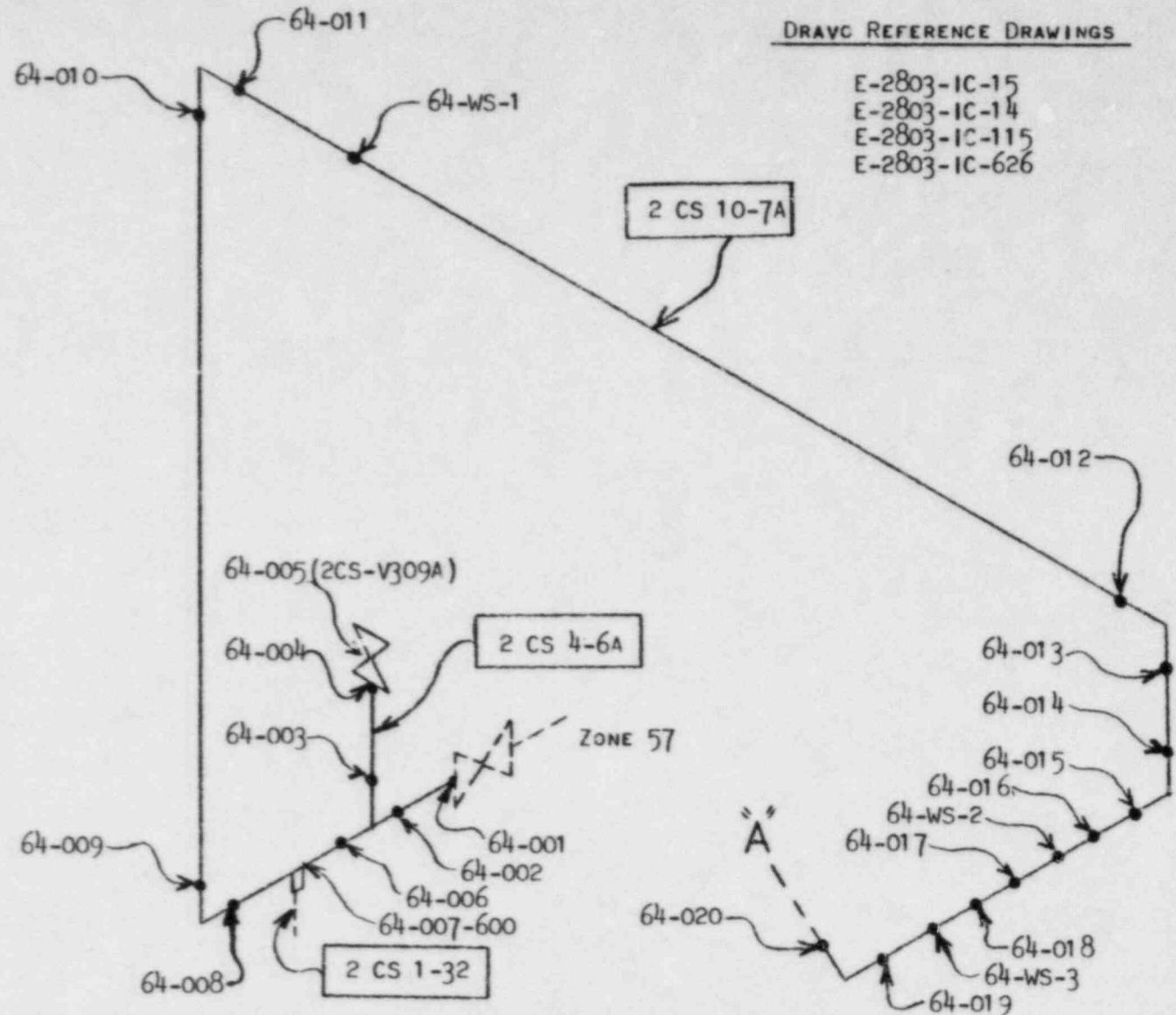
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
64-087	VALVE 2CS-V103A	N/A	N/A	N/A	N/A
64-088	10" SCH 40 PIPE TO PIPE WELD	C-F	SURFACE	ISI-3.1	
64-089LA-044	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-089LA-046	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-090LA-047	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-090LA-049	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-091 LA-050	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-091 LA-051	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-092LA-052	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-092LA-053	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-093LA-053	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-093LA-054	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-094LA-055	10" SCH 40 PIPE LONG. SEAM - LONG WELD				
64-094LA-056	10" SCH 40 PIPE LONG. SEAM - LONG WELD				



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DRWG REFERENCE DRAWINGS

- E-2803-IC-15
- E-2803-IC-14
- E-2803-IC-115
- E-2803-IC-626



TITLE:

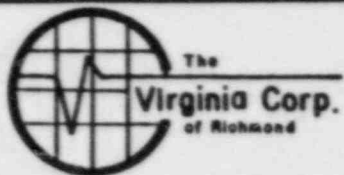
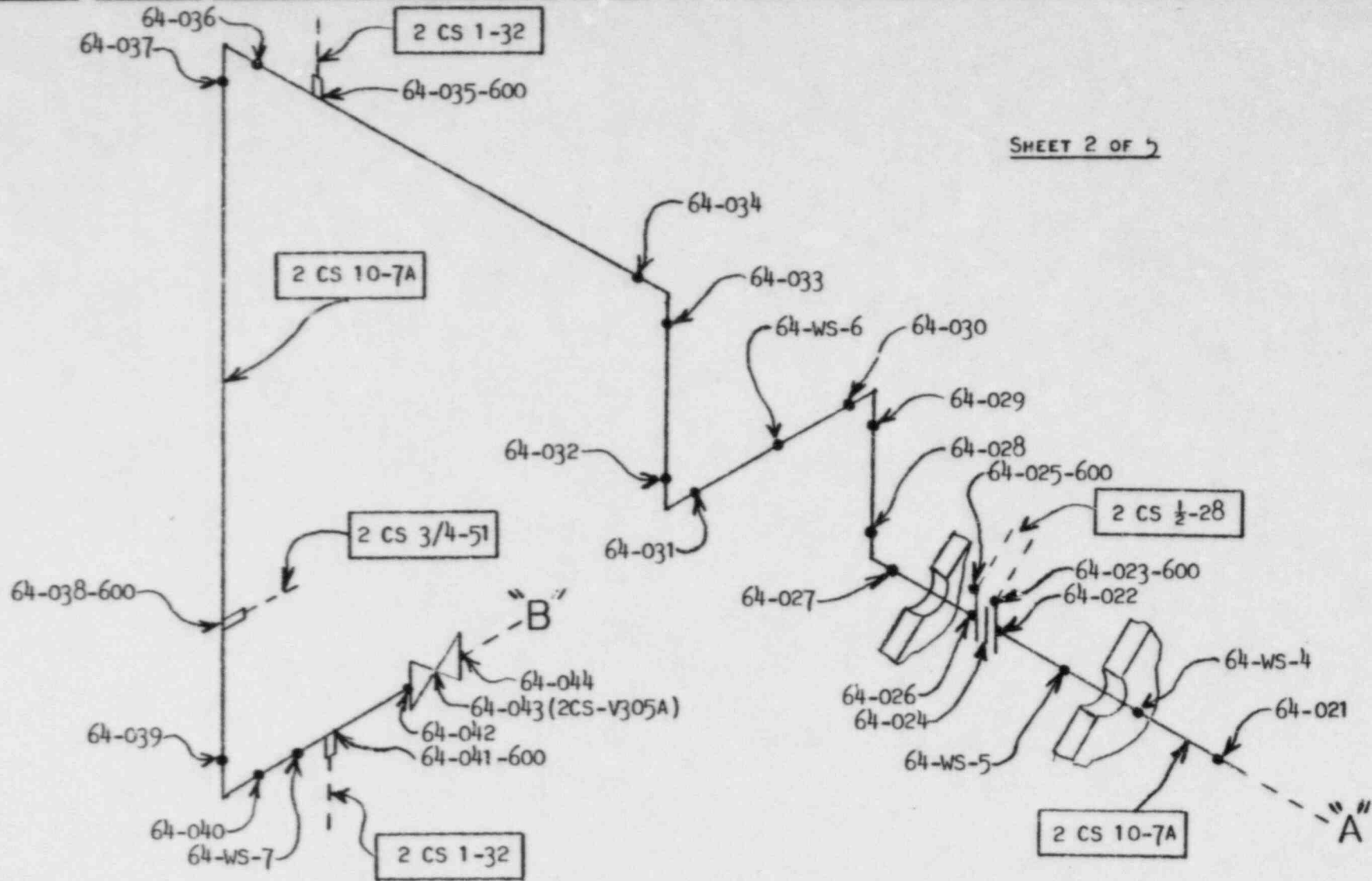
CONTAINMENT SPRAY DISCHARGE PIPING-A

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TITLE:

CONTAINMENT SPRAY DISCHARGE  
PIPING - A

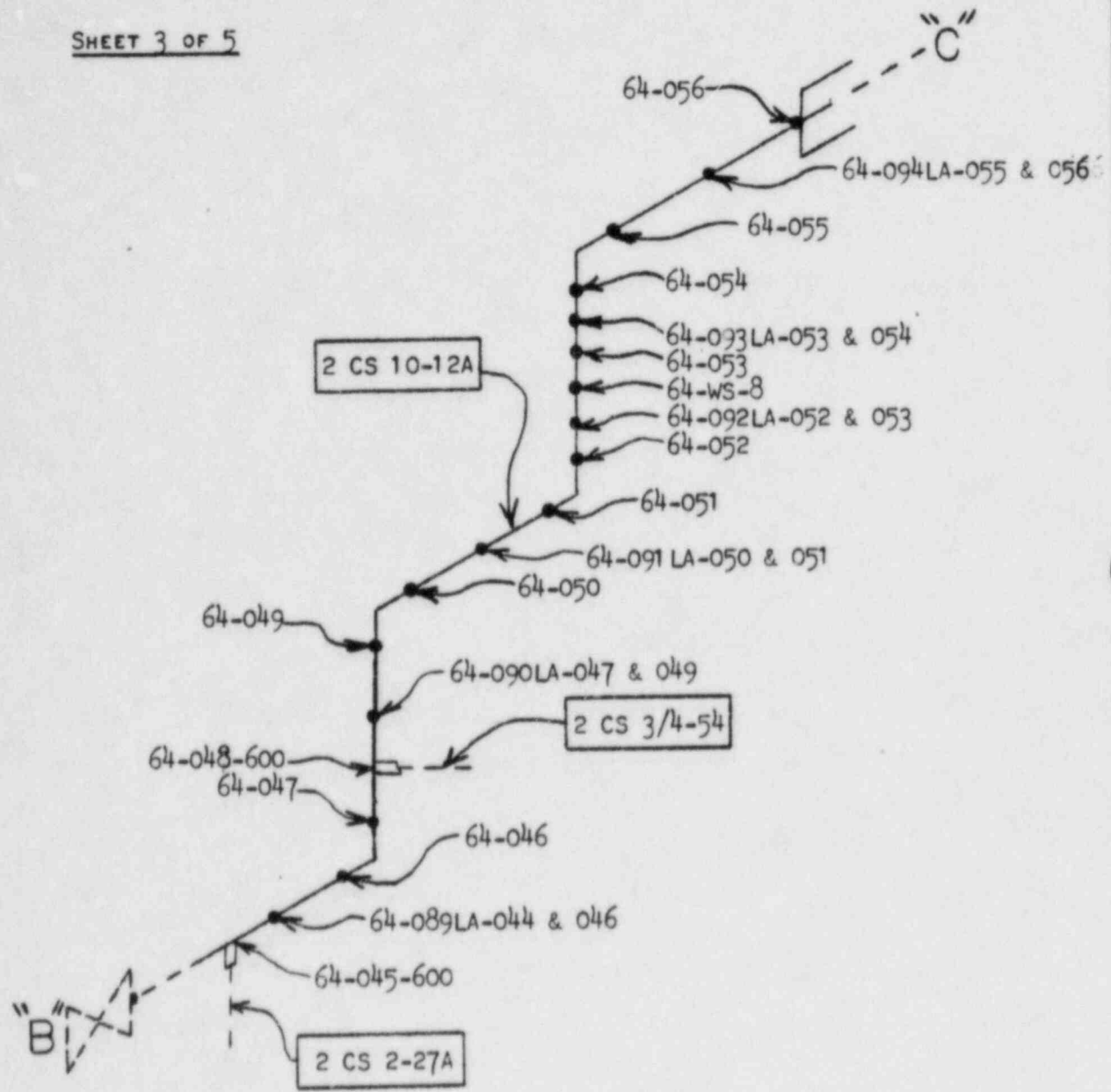
DATE: 3/15/83

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STEEL CONTAINMENT SHELL (OUTSIDE)



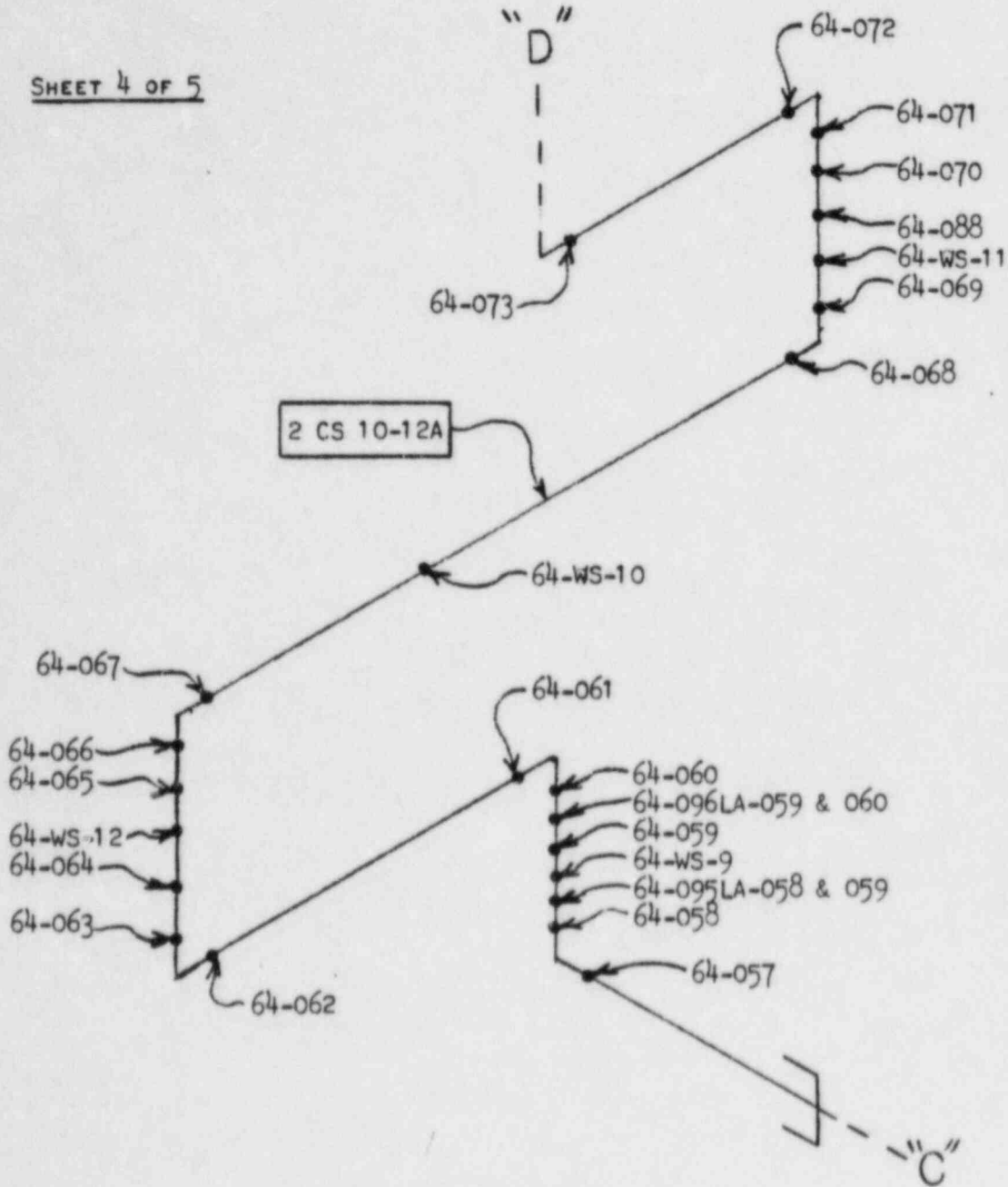
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CONTAINMENT SPRAY DISCHARGE PIPING A

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\*WELDS 64-057 THRU 64-080 ARE LOCATED INSIDE THE CONTAINMENT ANNULUS.

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TITLE

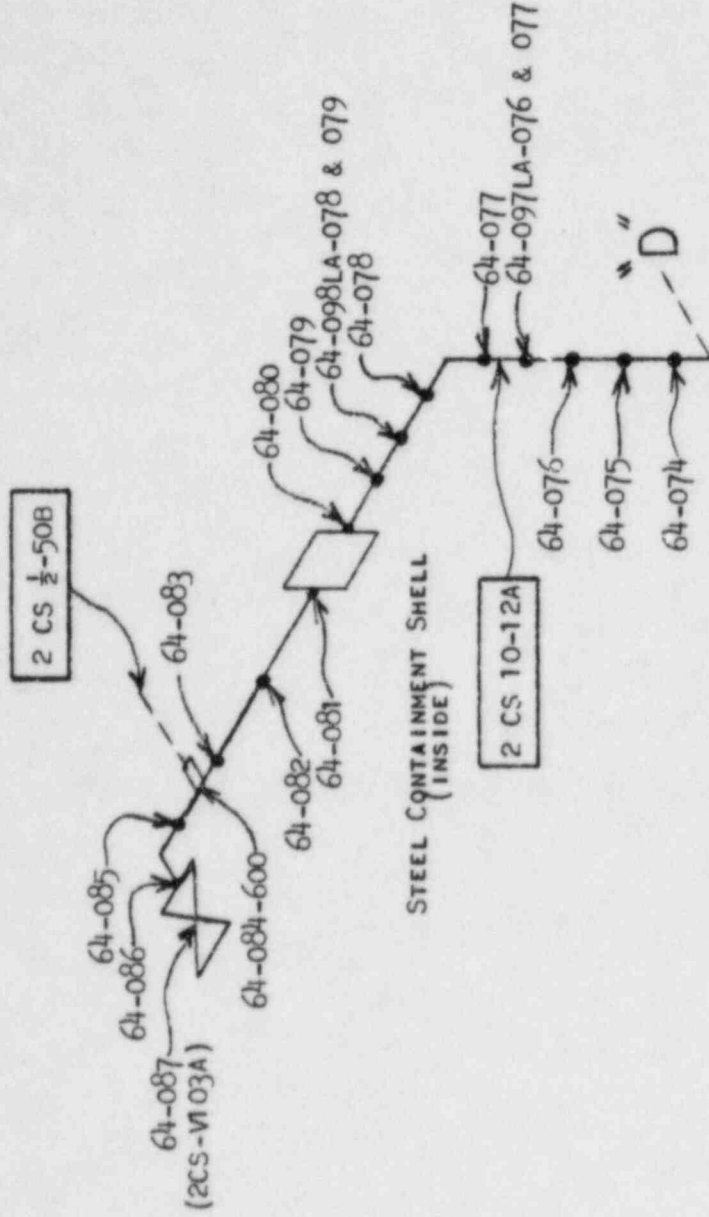
CONTAINMENT SPRAY DISCHARGE  
PIPING A

DATE: 3/15/83

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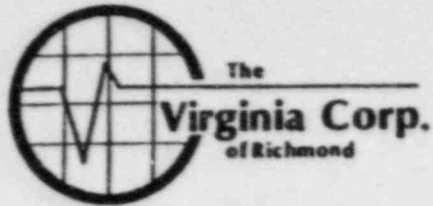
CONTAINMENT SPRAY DISCHARGE  
PIPING A

DATE: 3/15/83

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**Waterford III**  
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Containment Spray Discharge Piping- B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-001	Valve end to 10" sch 40 pipe weld	C-F	Surface	ISI-3.1	N/A
65-002	10" sch 40 pipe to 10"x 10"x 4" Tee weld		↓	↓	
65-003	10"x 10"x 4" Tee to 4" sch 40 pipe weld		EXEMPT IWC-1220 (D)	N/A	
65-004	4" sch 40 pipe to valve end weld	↓	↓	↓	
65-005	Valve 2CS-V310B	N/A	N/A	↓	
65-006	10"x 10"x 4" Tee to 10" sch 40 pipe weld	C-F	Surface	ISI-3.1	
65-007-600	2 CS 1-32 from 2 CS 10-7B to valve 2CS-V604-6		EXEMPT IWC-1220 (D)	N/A	
65-008	10" sch 40 pipe to ell weld		Surface	ISI-3.1	
65-009	Ell to 10" sch 40 pipe weld	↓	↓	↓	
65-WS-1	Welded support	C-C	EXEMPT (Less than 3/4")	N/A	
65-010	10" sch 40 pipe to ell weld	C-F	Surface	ISI-3.1	↓
65-011	Ell to 10" sch 40 pipe weld		Vol. & Surf. * (see note)	ISI-2.7 & ISI-3.1	UT-115
65-012	10" sch 40 pipe to ell weld		Surface	ISI-3.1	N/A
65-013	10" sch 40 pipe to flange weld	↓	↓	↓	↓

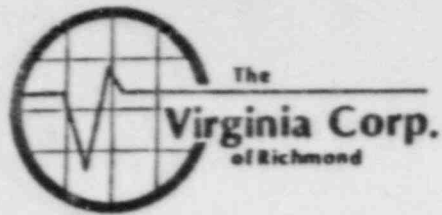


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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-014-600	2 CS 1/2-28 from 2 CS 10-7B to valve 2CS-V603-10	C-F	EXEMPT IWC-1220 (D)	N/A	N/A
65-015	Flange	N/A	N/A	↓	
65-016-600	2 CS 1/2-28 from 2 CS 10-7B to valve 2CS-V603-11	C-F	EXEMPT IWC-1220 (D)	↓	
65-017	Flange to 10" sch 40 pipe weld		Surface	ISI-3.1	
65-018	10" sch 40 pipe to 45° ell weld		↓	↓	
65-019	45° ell to 10" sch 40 pipe weld		↓	↓	
65-020-600	2 CS 1-32 from 2 CS 10-7B to valve 2CS-V604		EXEMPT IWC-1220 (D)	N/A	↓
65-021	10" sch 40 pipe to ell weld		Vol. & Surf. *(see note)	ISI-2,7, & ISI-3.1	UT-115
65-022	Ell to 10" sch 40 pipe weld		Surface	ISI-3.1	N/A
65-023-600	2 CS 1-32 from 2 CS 10-7B to valve 2CS-V603-12		EXEMPT IWC-1220 (D)	N/A	
65-024	10" sch 40 pipe to ell weld		Surface	ISI-3.1	
65-025	Ell to 10" sch 40 pipe weld		↓	↓	
65-WS-2	Welded support	C-C	EXEMPT (Less than 3/4")	N/A	
65-026-600	2 CS 1-32 from 2 CS 10-7B to valve 2CS-V604	C-F	EXEMPT IWC-1220 (D)	↓	↓



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-027	10" sch 40 pipe to valve end weld	C-F	Surface	ISI-3.1	N/A
65-028	Valve XCS-F306B	N/A	N/A	N/A	
65-029	Valve end to 10" sch 40 pipe weld	C-F	Surface	ISI-3.1	
65-030-600	2 CS 2-27B from 2 CS 10-12B to valve XCS-V601-1		EXEMPT IWC-1220 (D)	N/A	
65-031	10" sch 40 pipe to ell weld		Surface	ISI-3.1	
65-032	Ell to 10" sch 40 pipe weld		↓	↓	
65-033-600	2 CS-1-32 from 2 CS 10-12B to valve XCS-V610-2		EXEMPT IWC-1220 (D)	N/A	
65-034	10" sch 40 pipe to pipe weld		Surface	ISI-3.1	
65-035	10" sch 40 pipe to pipe weld		↓	↓	
65-036	10" sch 40 pipe to pipe weld		↓	↓	
65-037	10" sch 40 pipe to pipe weld		↓	↓	
65-485-3	Welded support	C-C	EXEMPT (less than 3/4")	N/A	
65-038	10" sch 40 pipe to 45° ell weld	C-F	Surface	ISI-3.1	↓
65-039	10" sch 40 45° ell to 45° ell weld	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115

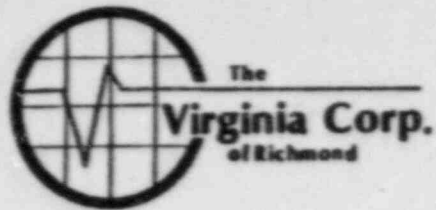


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Containment Spray Discharge Piping - B

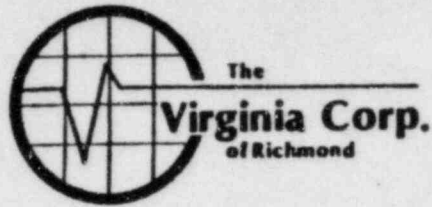
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-040	45° ell to 10" sch 40 pipe weld	C-F	Surface	ISI-3.1	N/A
65-041	10" sch 40 pipe to ell weld		↓	↓	↓
65-042	Ell to 10" sch 40 pipe weld		Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115
65-043-600	Coup. to 10" pipe weld		EXEMPT TWC-1220 (D)	N/A	N/A
65-043-601	Coup. to plug weld	↓	↓	↓	
65-044	10" sch 40 pipe to outer pen. weld	C-C	EXEMPT (less than 3/4" )	N/A	
65-045	10" sch 40 pipe to ell weld	C-F	Surface	ISI-3.1	
65-046	Ell to 10" sch 40 pipe weld	↓	↓	↓	
65-MS-4	Welded support	C-C	EXEMPT (less than 3/4" )	N/A	
65-047	10" sch 40 pipe to pipe weld	C-F	Surface	ISI-3.1	
65-048	10" sch 40 pipe to pipe weld		↓	↓	
65-049	10" sch 40 pipe to pipe weld		↓	↓	
65-050	10" sch 40 pipe to pipe weld		↓	↓	↓
65-051	10" sch 40 pipe to ell weld	↓	Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115



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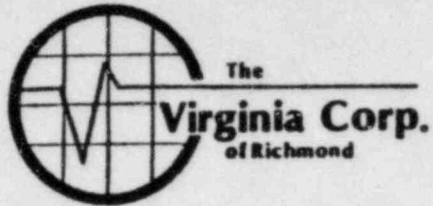
Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-052	Ell to 10" sch 40 pipe weld	C-F	Surface	ISI-3.1	N/A
65-053	10" sch 40 pipe to ell weld				
65-054	Ell to 10" sch 40 pipe weld				
65-055	10" sch 40 pipe to ell weld				
65-056	Ell to 10" sch 40 pipe weld				
65-057	10" sch 40 pipe to ell weld				
65-058	Ell to 10" sch 40 pipe weld		Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115
65-059	10" sch 40 pipe to pipe weld		Surface	ISI-3.1	N/A
65-060	10" sch 40 pipe to pipe weld				
65-061	10" sch 40 pipe to ell weld				
65-062	Ell to 10" sch 40 pipe weld		Vol. & Surf. *(see note)	ISI-2.7 & ISI-3.1	UT-115
65-063	10" sch 40 pipe to pipe weld		Surface	ISI-3.1	N/A
65-064	10" pipe to containment shell weld	C-C	EXEMPT (less than 3/4" )	N/A	
65-065	Containment shell to 10" pipe weld				



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Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-066	10" sch 40 pipe to pipe weld	C-F	Surface	ISI-3.1	N/A
65-067-600	2 CS ½-50B from 2 CS 10-12B to valve 2CS-E609B		EXEMPT IWC-1220 (D)	N/A	
65-068	10" sch 40 pipe to ell weld		Surface	ISI-3.1	
65-069	10" sch 40 ell to valve end weld				
65-070	Valve 2CS-V104B	N/A	N/A	N/A	
65-0711A-017	10" sch 40 pipe long. weld	C-F	Surface	ISI-3.1	
65-0711A-018	10" sch 40 pipe long. weld				
65-072	10" sch 40 pipe to pipe weld				
65-0731A-019	10" sch 40 pipe long. weld				
65-0731A-021	10" sch 40 pipe long. weld				
65-0741A-036	10" sch 40 pipe long. weld				
65-0741A-037	10" sch 40 pipe long. weld				
65-0751A-037	10" sch 40 pipe long. weld				
65-0751A-038	10" sch 40 pipe long. weld				

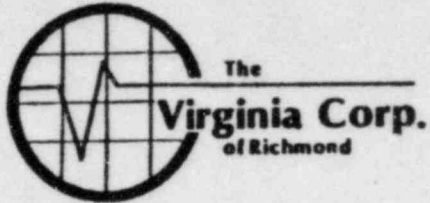


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Containment Spray Discharge Piping - B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-0761A-040	10" sch 40 pipe long. weld	C-F	Surface	ISI-3.1	N/A
65-0761A-041	10" sch 40 pipe long. weld				
65-0771A-046	10" sch 40 pipe long. weld				
65-0771A-047	10" sch 40 pipe long. weld				
65-0781A-058	10" sch 40 pipe long. weld				
65-0781A-059	10" sch 40 pipe long. weld				
65-0791A-059	10" sch 40 pipe long. weld				
65-0791A-060	10" sch 40 pipe long. weld				
65-0801A-060	10" sch 40 pipe long. weld				
65-0801A-061	10" sch 40 pipe long. weld				
65-0811A-062	10" sch 40 pipe long. weld				
65-0811A-063	10" sch 40 pipe long. weld				
65-0821A-065	10" sch 40 pipe long. weld				
65-0821A-072	10" sch 40 pipe long. weld				



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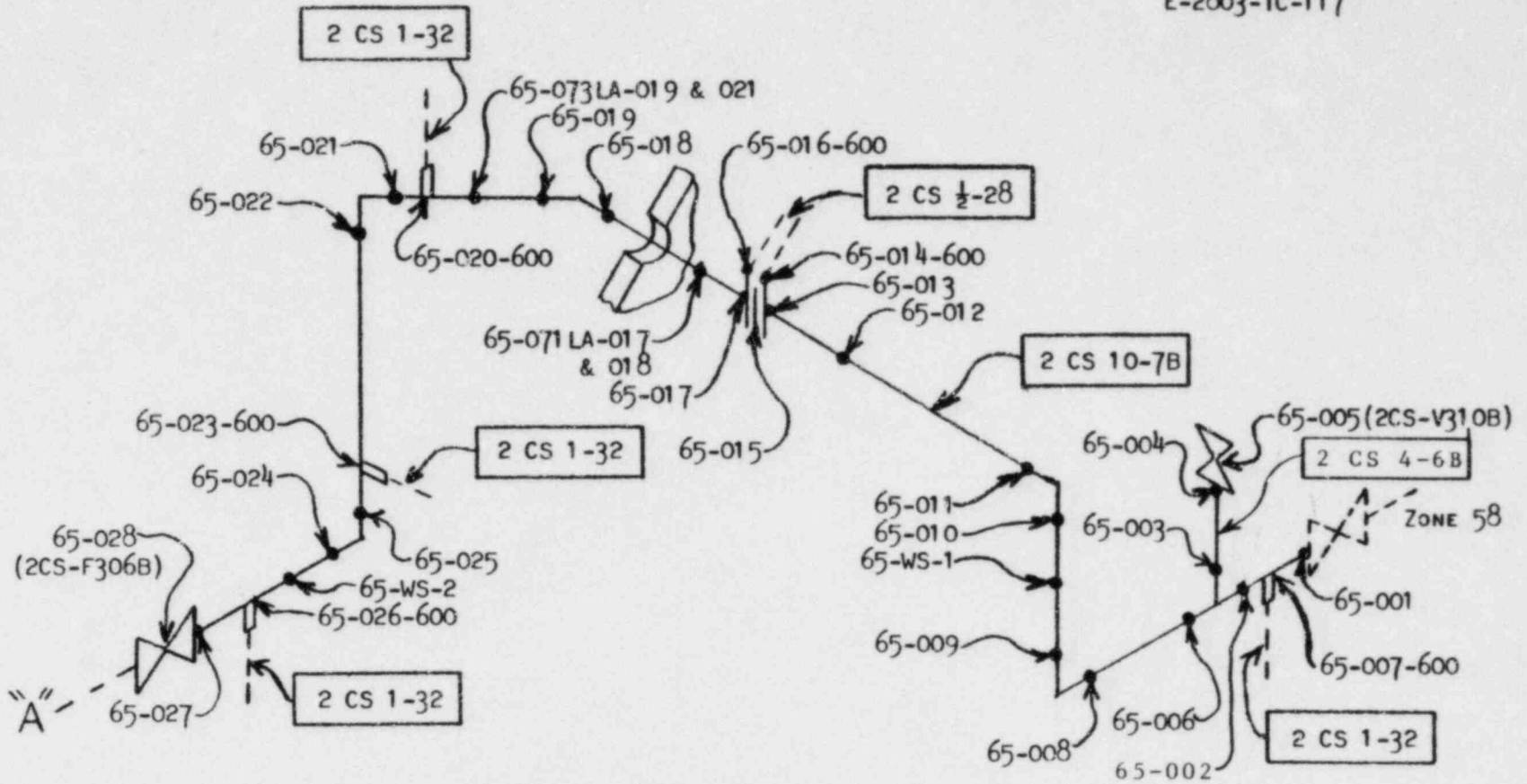
Containment Spray Discharge Piping - B

Weld Designation	Weld Description	Examination Category	Examination Method	Procedure Number	Calibration Block No.
65-083LA-072	10" sch 40 pipe long. weld	C-F	Surface	ISI-3.1	N/A
65-083LA-066	10" sch 40 pipe long weld	↓	↓	↓	↓
65-084LA-066	10" sch 40 pipe long. weld	↓	↓	↓	↓
65-084LA-068	10" sch 40 pipe long. weld	↓	↓	↓	↓



DRAGO REFERENCE DRAWINGS

E-2803-IC-24  
 E-2803-IC-25  
 E-2803-IC-117

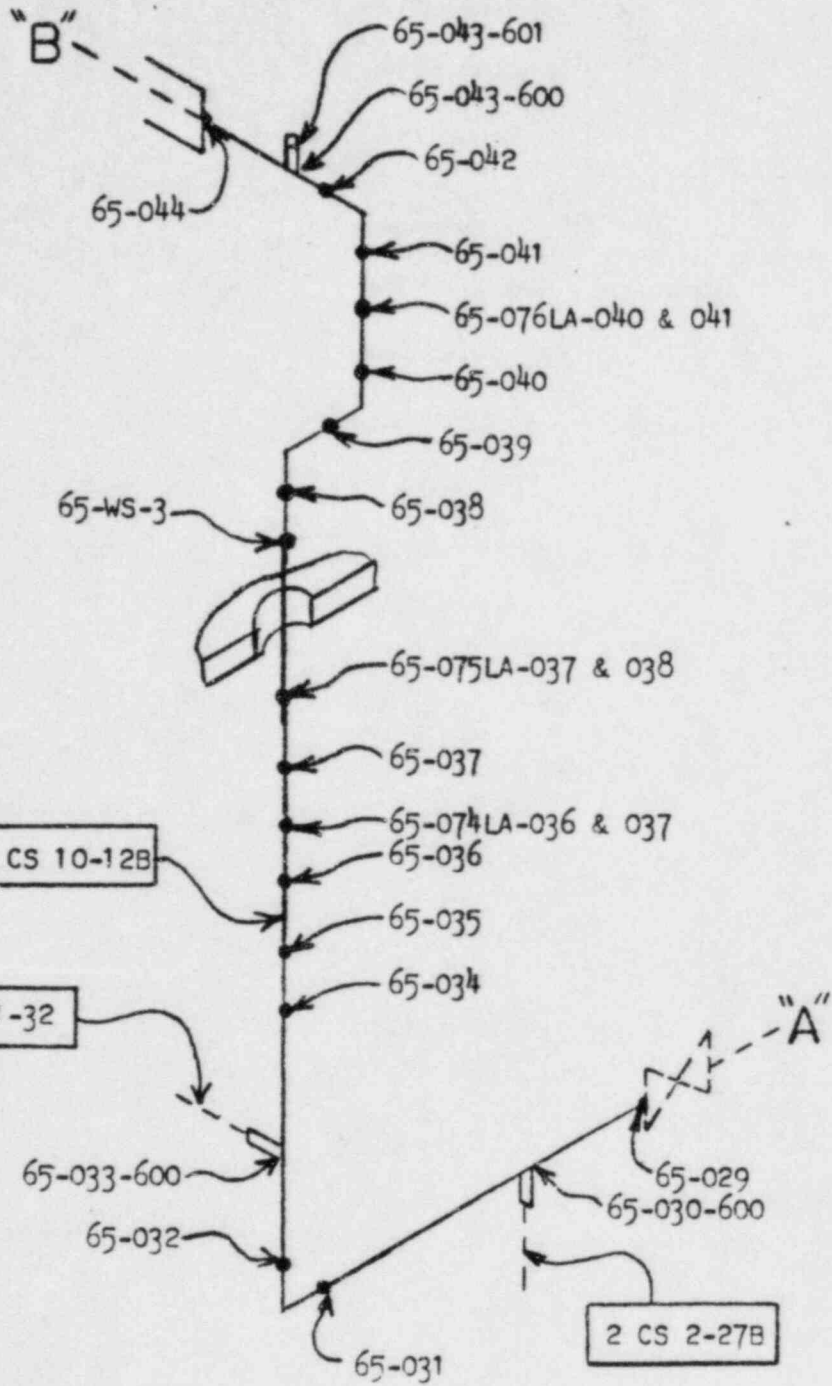


SHEET 1 OF 3



**TITLE:**  
 CONTAINMENT SPRAY DISCHARGE  
 PIPING - B

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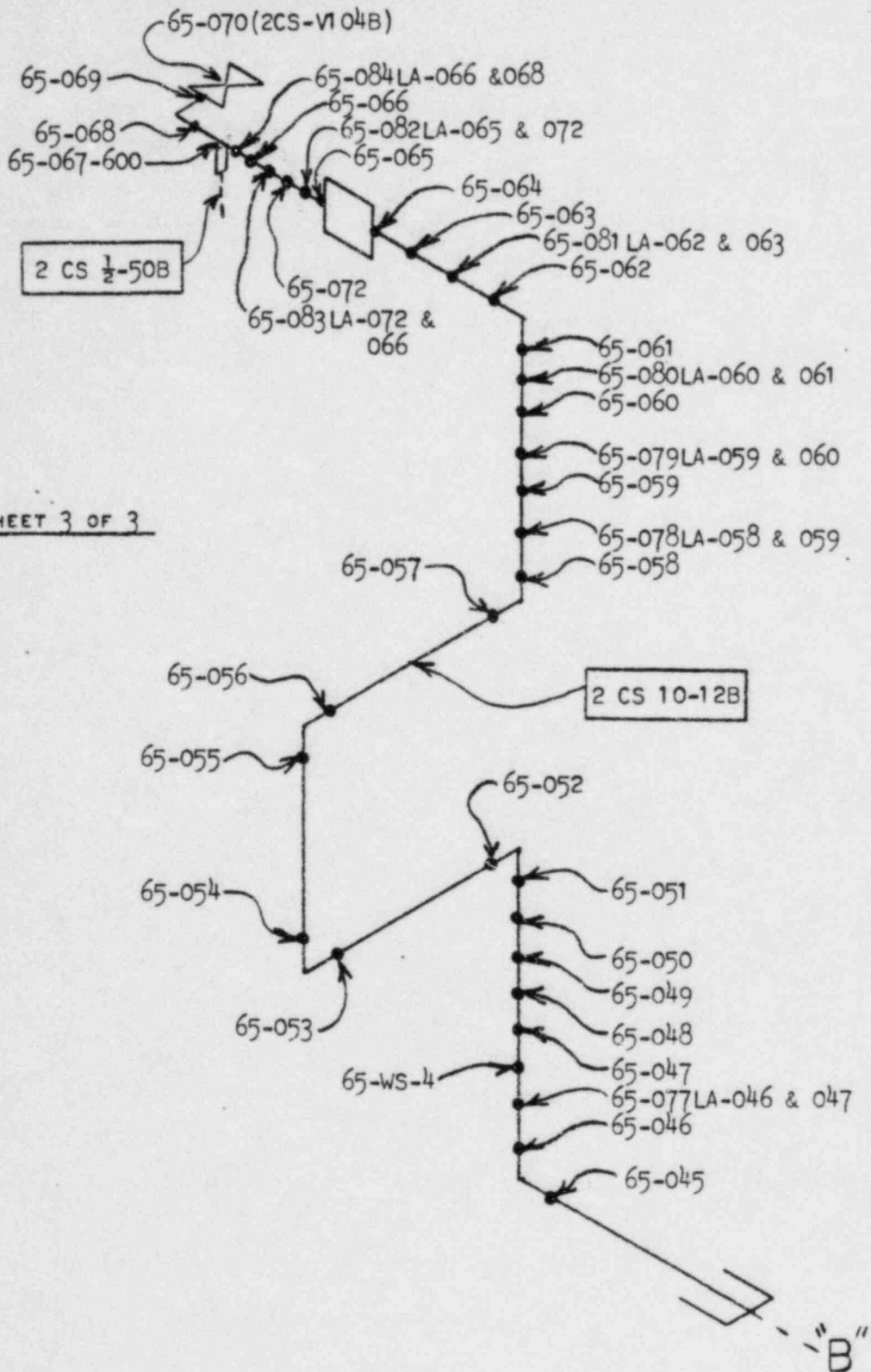


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TITLE  
CONTAINMENT SPRAY DISCHARGE  
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\*WELDS 65-045 THRU 65-064 ARE LOCATED INSIDE THE CONTAINMENT ANNULUS.



**TITLE**  
 CONTAINMENT SPRAY DISCHARGE  
 PIPING - B

**DATE:** 3/15/83  
**ZONE:** 65  
**REVISION:** 5