

**Vogtle Electric Generating Plant
Units 1 and 2
Inservice Inspection Plan for Class 1, 2, and 3 Figures for Vogtle-2
Third Inspection Interval
Volume 8**

Volume 8 Contents:
Equipment Drawings
Isometric Drawings
P&ID Listing

Vogtle Site approval is not needed for this document.

**VOGTLE UNIT 2 THIRD INTERVAL EXAMINATION PLAN
VOLUME 8
CLASS, 1, 2, AND 3 COMPONENT ISI DRAWINGS
DISTRIBUTION**

**Manual
Number**

Manual Holder

1

Document Control QA Record

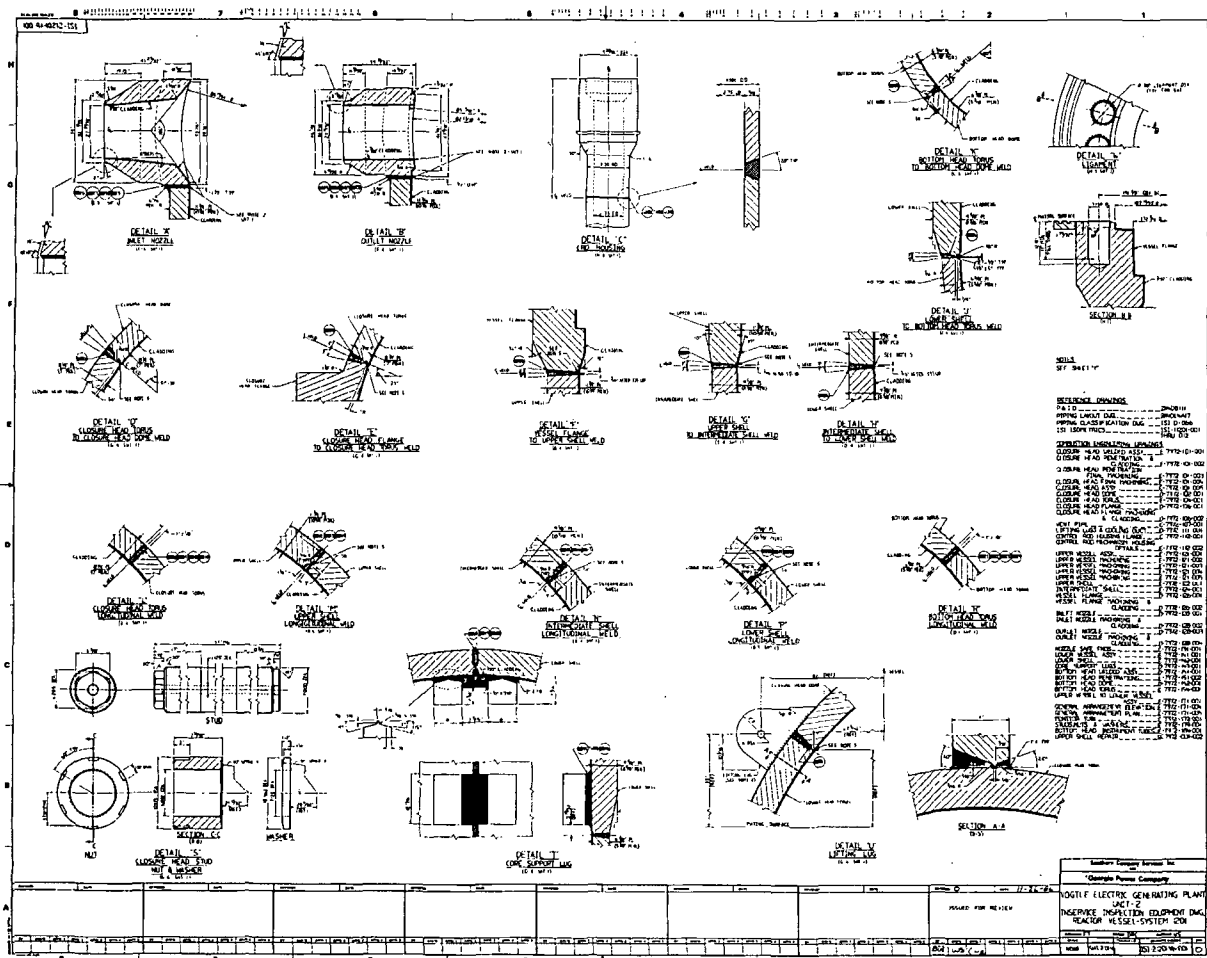
EQUIPMENT DRAWINGS

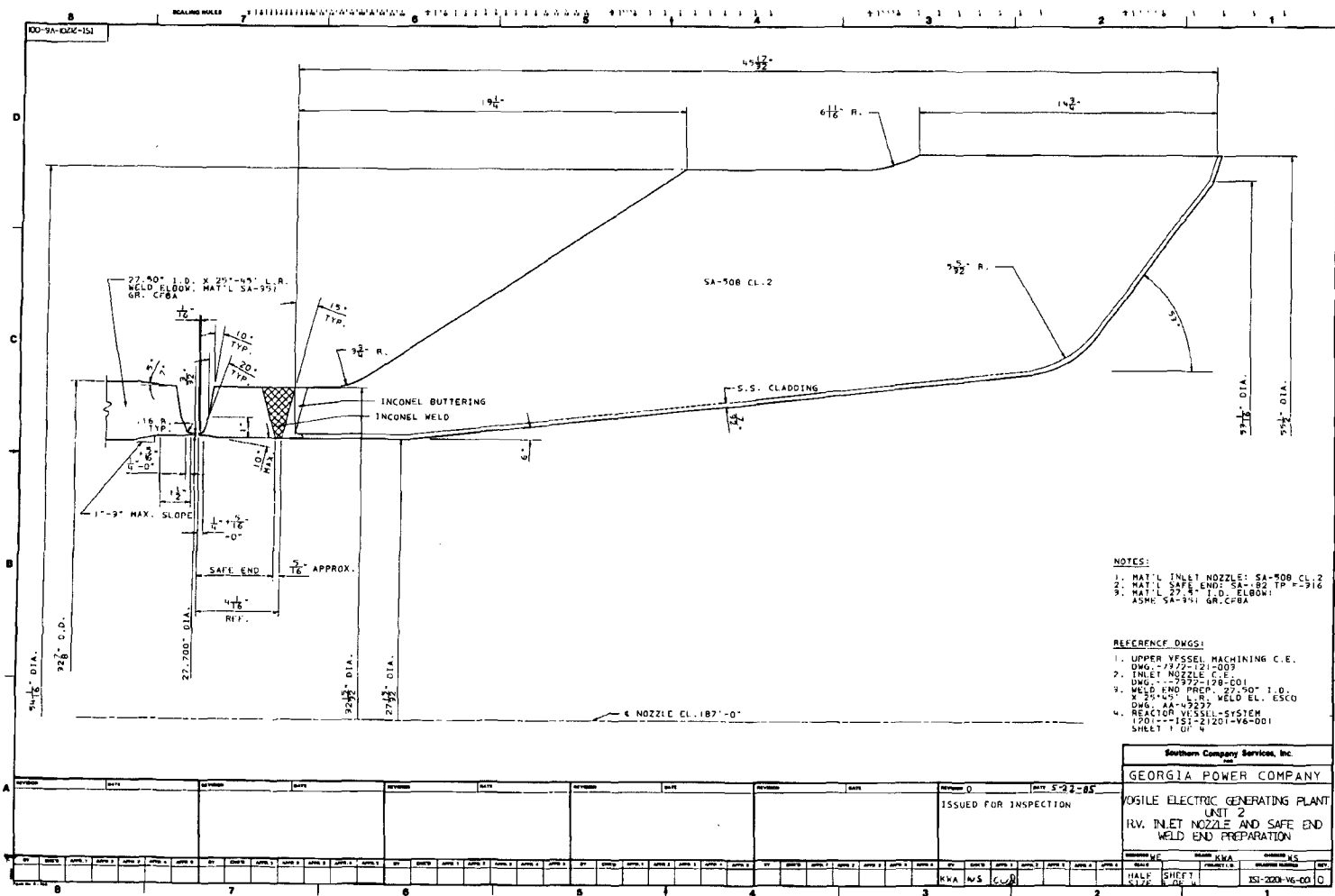
The drawings listed in this section represent Class 1, 2, and 3 equipment included in the ISI scope. These drawings give the identification number and location of welds, supports, and other items that require examination. The drawings are intended for ISI use only and should not be confused with design drawings. These drawings are available on aperture cards located in Document Control at both the VEGP Site and SNC Birmingham.

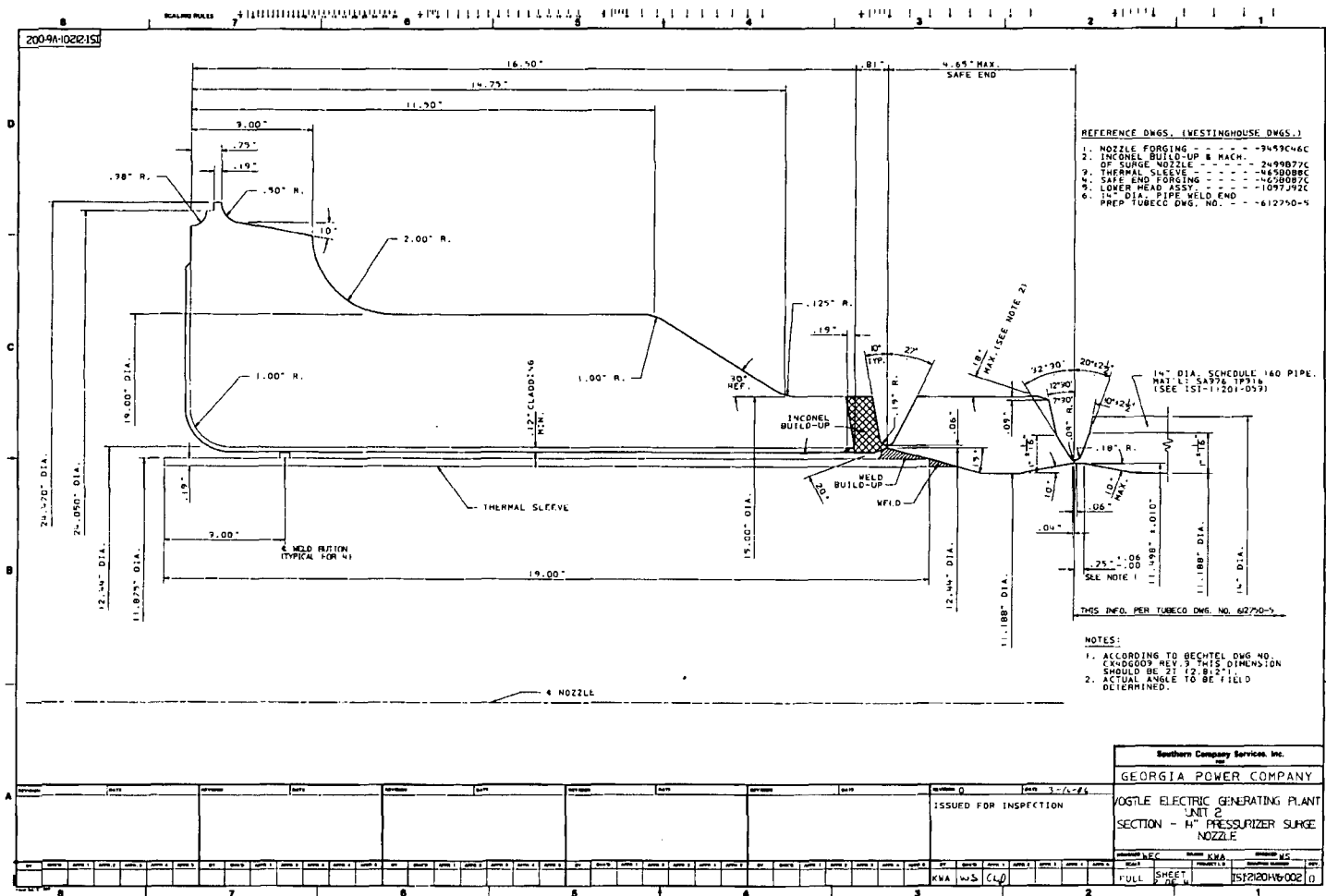
The following is a listing of the applicable systems and their drawing numbers.

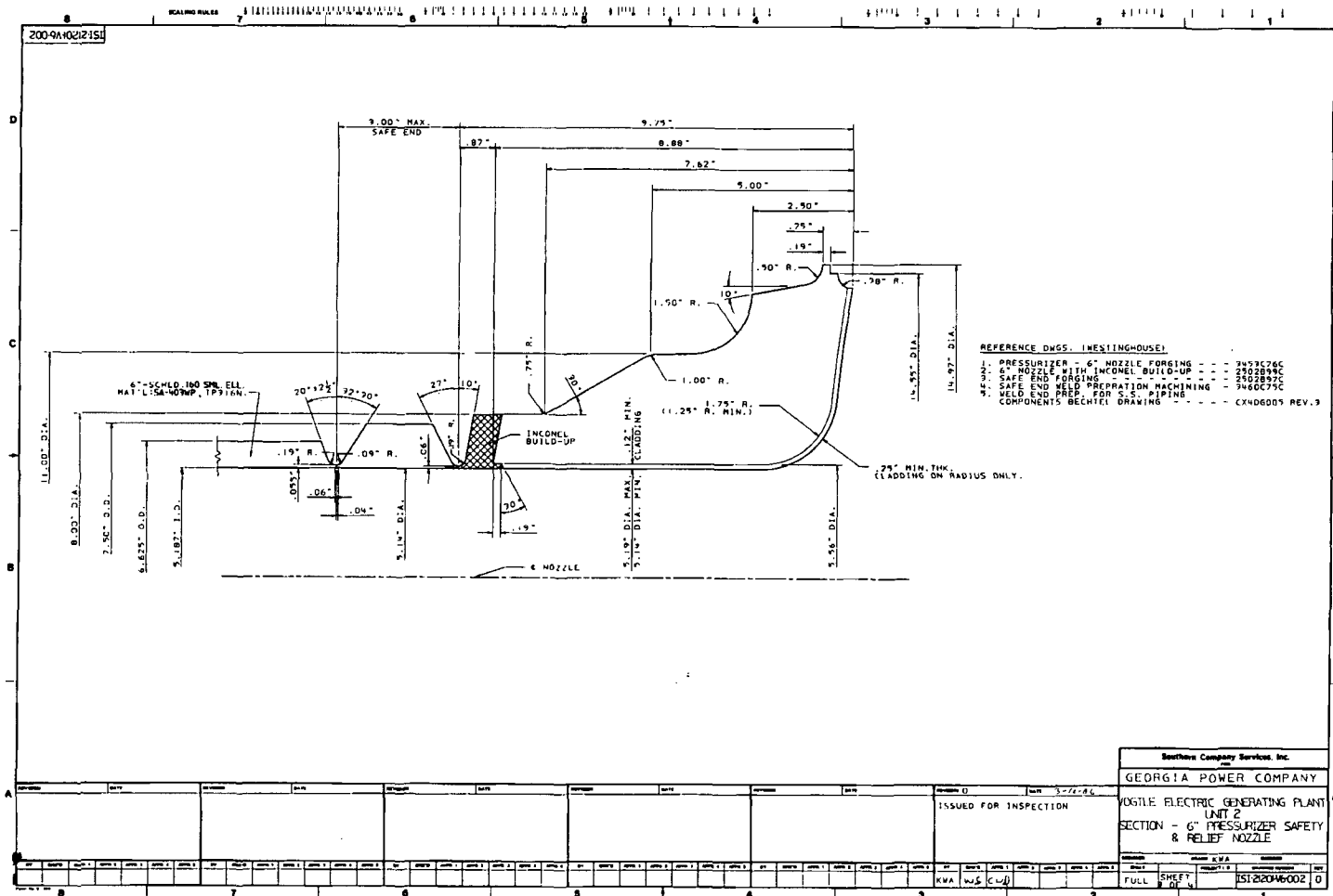
<u>System</u>	<u>Drawing Number</u>	<u>Revision</u>
Reactor Coolant	ISI-21201-V6-001 (sh. 1)	0
	ISI-21201-V6-001 (sh. 2)	0
	ISI-21201-V6-001 (sh. 3)	0
	ISI-21201-V6-001 (sh. 4)	0
	ISI-21201-V6-002 (sh. 1)	1
	ISI-21201-V6-002 (sh. 2)	0
	ISI-21201-V6-002 (sh. 3)	0
	ISI-21201-V6-002 (sh. 4)	0
	ISI-21201-B6-001 (sh. 1)	2
	ISI-21201-B6-001 (sh. 2)	1
	ISI-21201-B6-001 (sh. 3)	0
	ISI-21201-B6-001 (sh. 4)	0
	ISI-21201-B6-002 (sh. 1)	2
	ISI-21201-B6-002 (sh. 2)	1
	ISI-21201-B6-002 (sh. 3)	0
	ISI-21201-B6-002 (sh. 4)	0
	ISI-21201-B6-003 (sh. 1)	2
	ISI-21201-B6-003 (sh. 2)	1
	ISI-21201-B6-003 (sh. 3)	0
	ISI-21201-B6-003 (sh. 4)	0
	ISI-21201-B6-004 (sh. 1)	2
	ISI-21201-B6-004 (sh. 2)	1
	ISI-21201-B6-004 (sh. 3)	0
	ISI-21201-B6-004 (sh. 4)	0
	ISI-21201-P6-001	1
	ISI-21201-P6-002	1
	ISI-21201-P6-003	1
	ISI-21201-P6-004	1
Nuclear Service	ISI-21202-P4-001	0
Cooling Water	ISI-21202-P4-007	0

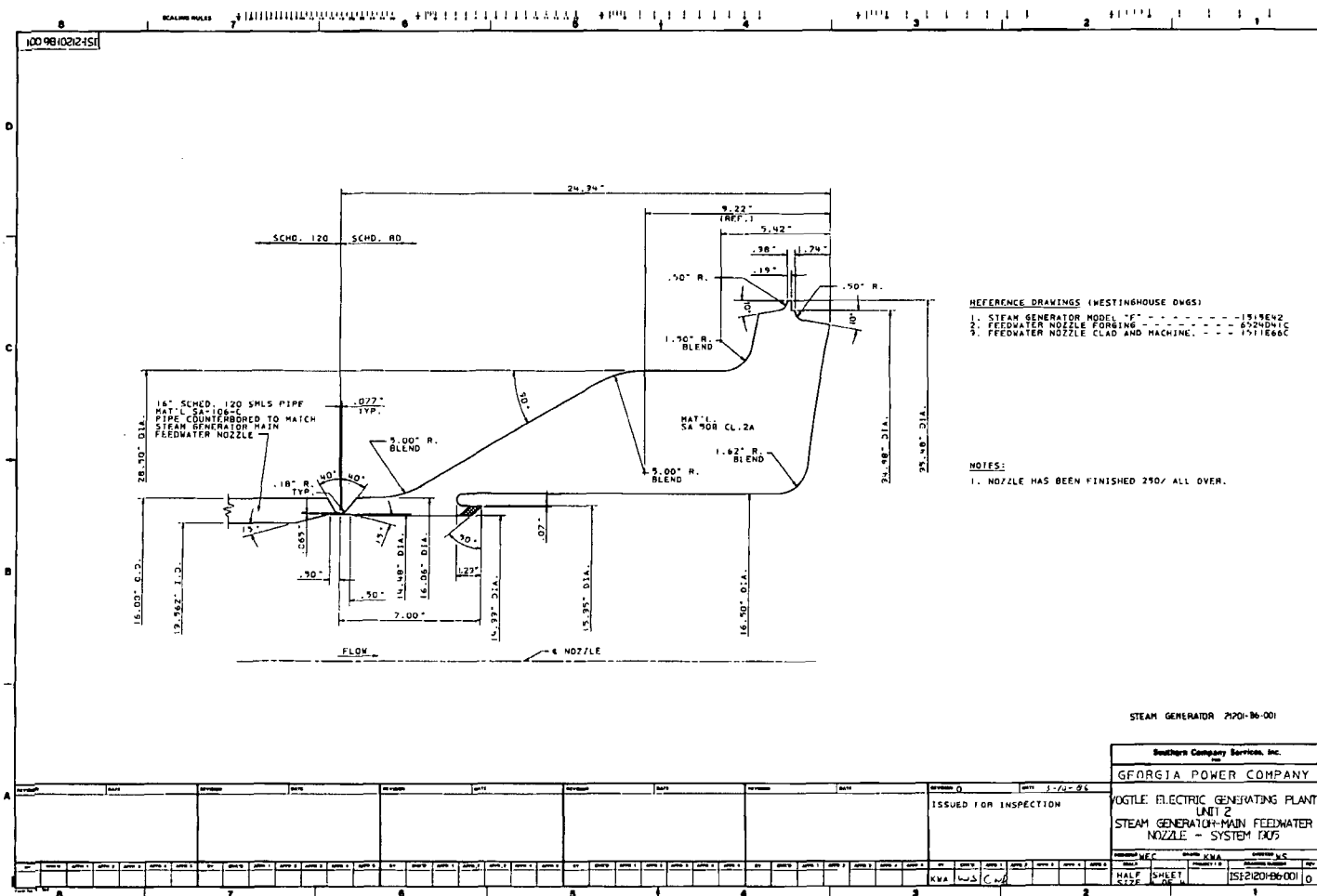
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Component Cooling Water	ISI-21203-E4-001	0
	ISI-21203-P4-001	0
	ISI-21203-T4-001	0
Safety Injection	ISI-21204-P6-003	0
	ISI-21204-P6-004	0
Residual Heat Removal	ISI-21205-P6-001	0
	ISI-21205-P6-002	0
	ISI-21205-E6-001 (sh. 1)	3
	ISI-21205-E6-001 (sh. 2)	0
	ISI-21205-E6-002 (sh. 1)	3
	ISI-21205-E6-002 (sh. 2)	0
Containment Spray	ISI-21206-T6-001	0
Chemical and Volume Control	ISI-21208-P6-002	0
	ISI-21208-P6-003	0
	ISI-21208-P6-006	0
	ISI-21208-E6-001	0
	ISI-21208-E6-002	0
	ISI-21208-E6-003	0
	ISI-21208-E6-007	0
	ISI-21208-F6-003	0
	ISI-21208-V4-001	0
	ISI-21208-V4-002	0
Spent Fuel Pool Cooling and Purification	ISI-21213-E6-001	0
	ISI-21213-P6-002	0
Auxiliary Feedwater	ISI-21302-P4-001	0
	ISI-21302-P4-002	0
Safety Related (ESF) Chillers	ISI-21592-P7-001	0
	ISI-21592-T7-001	0



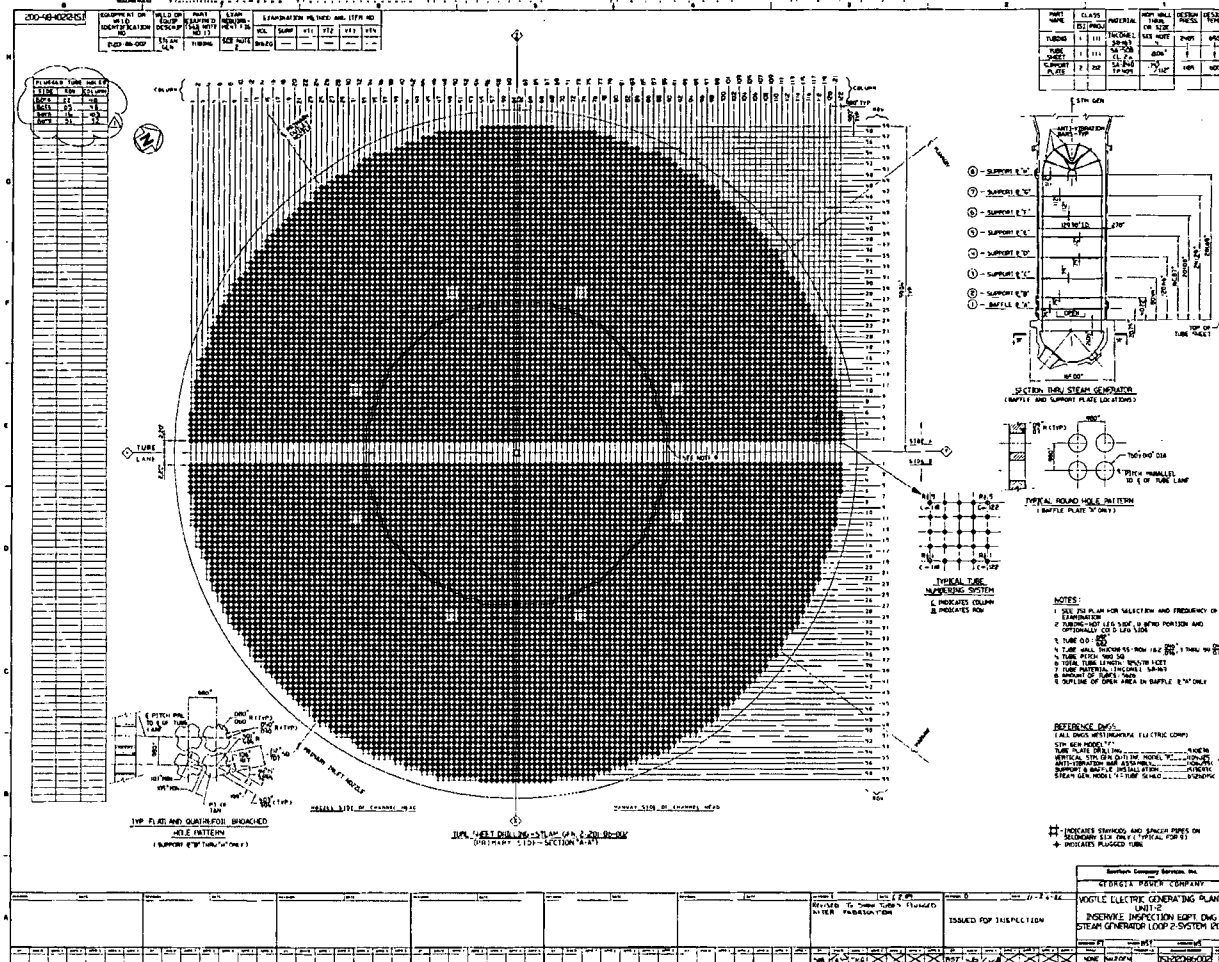


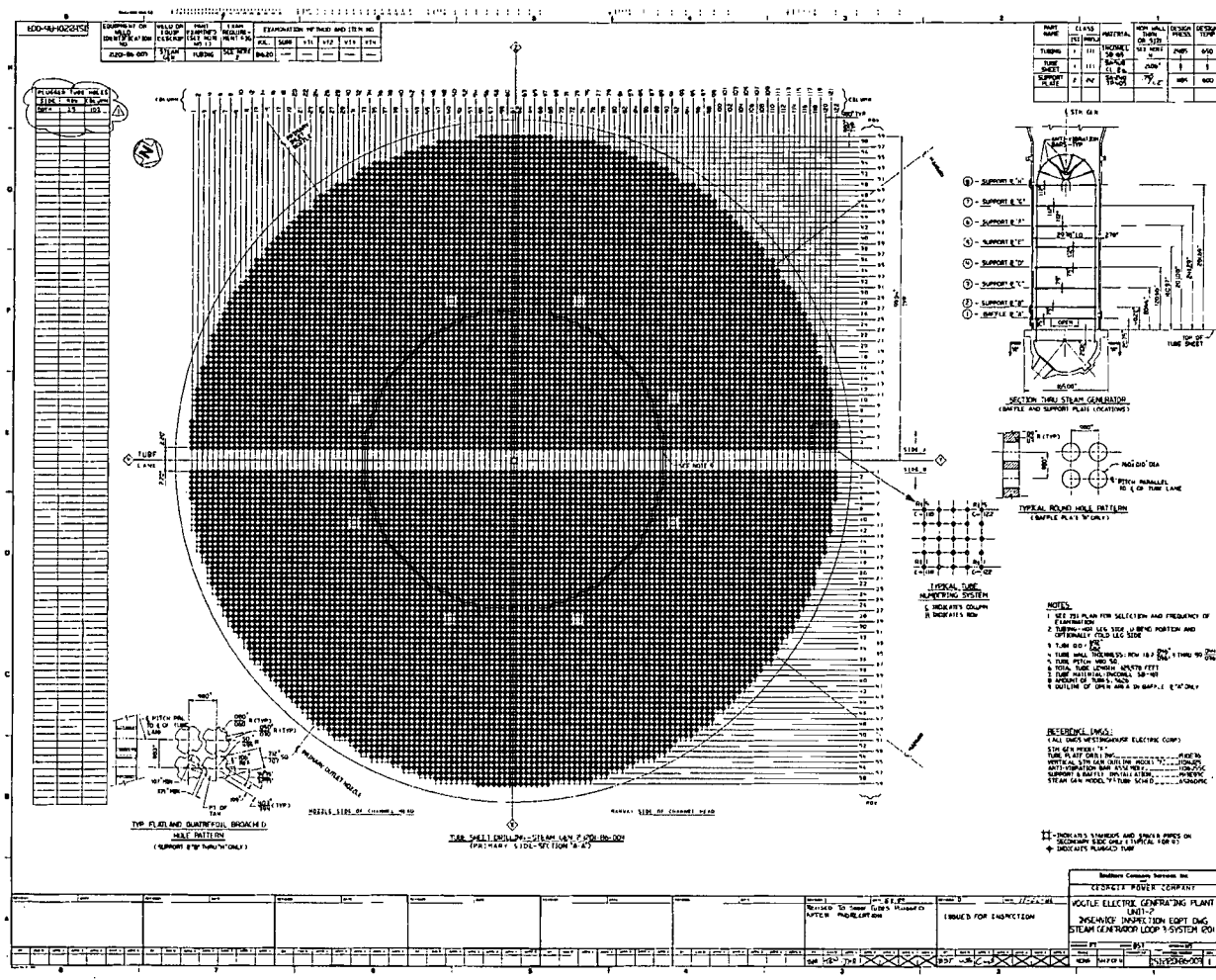


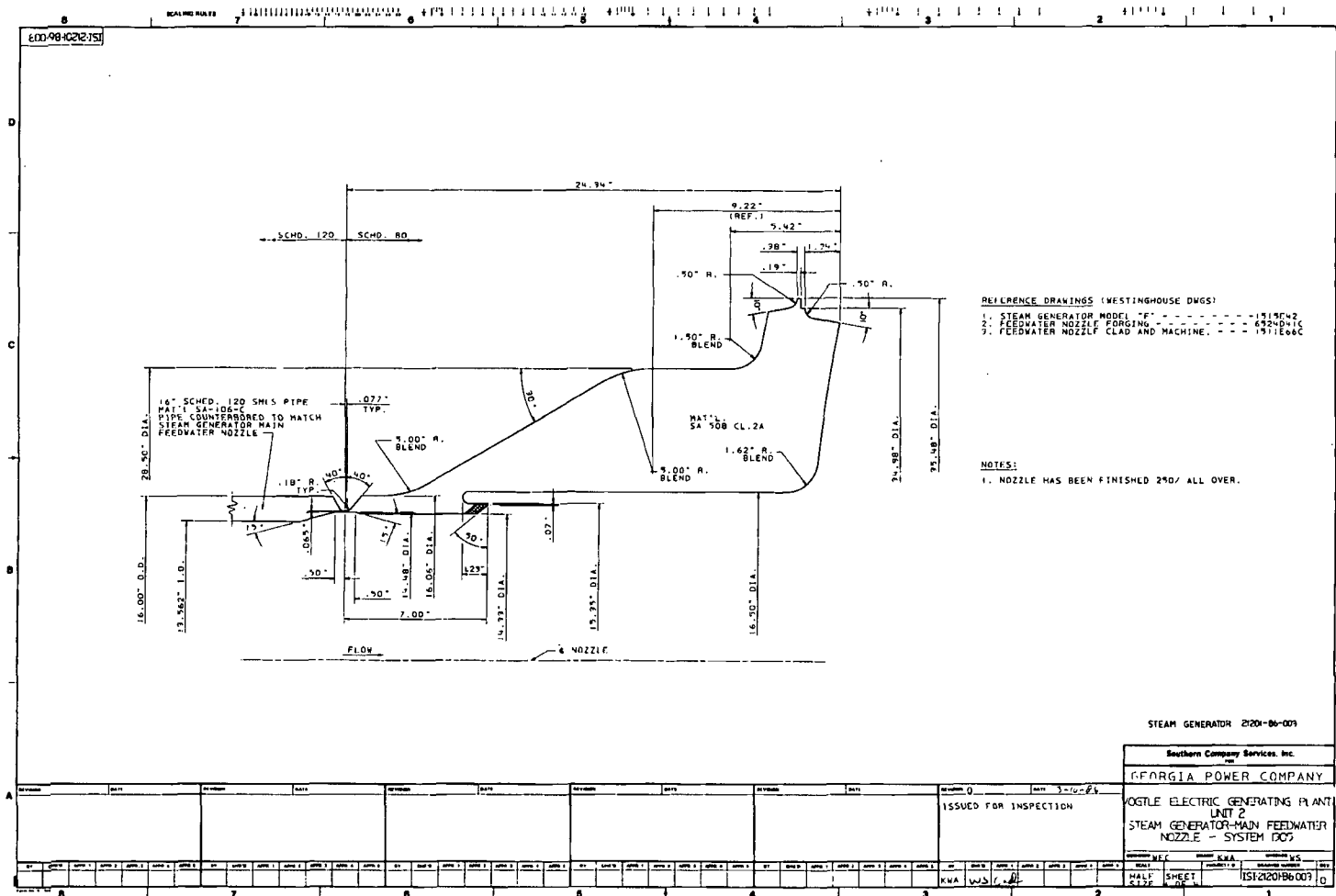


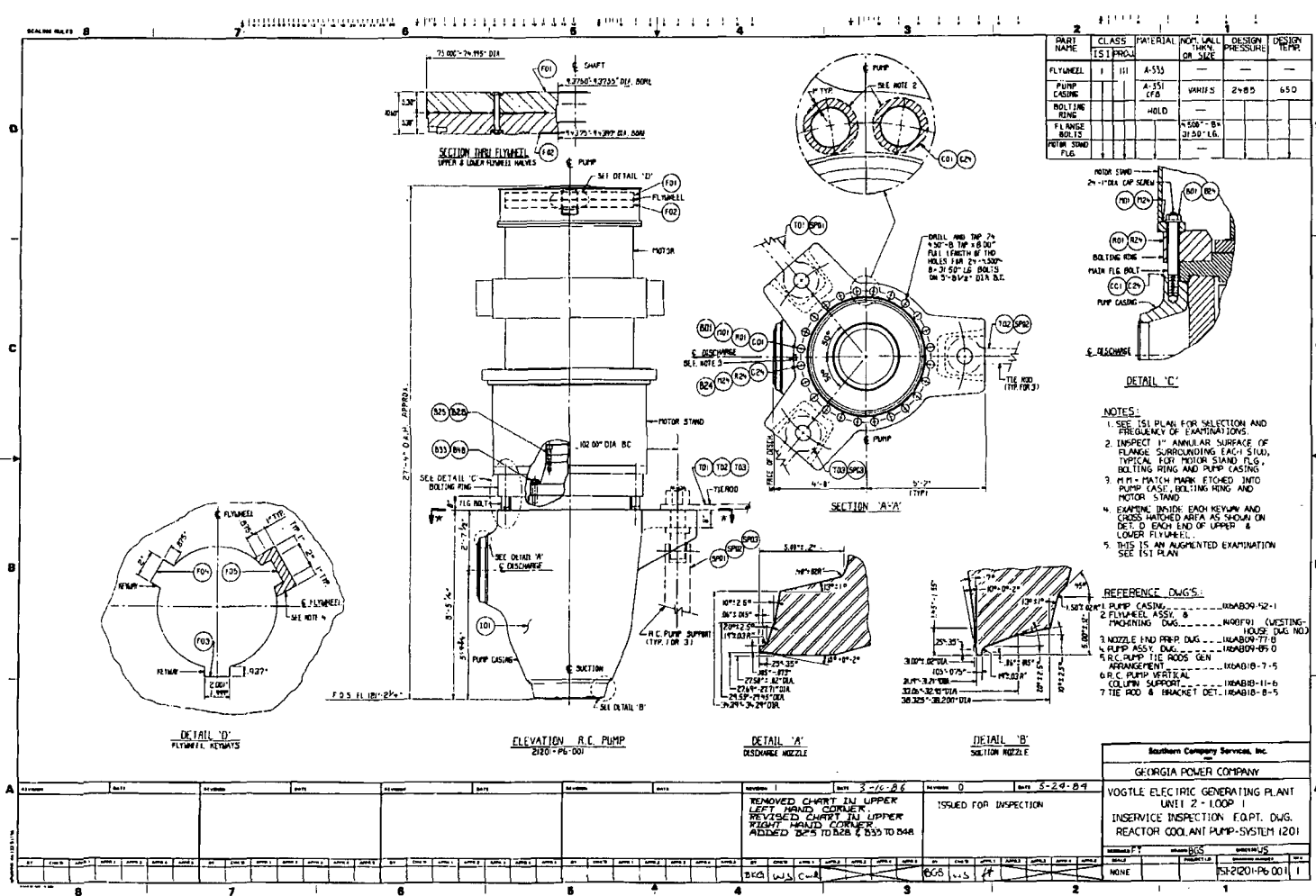


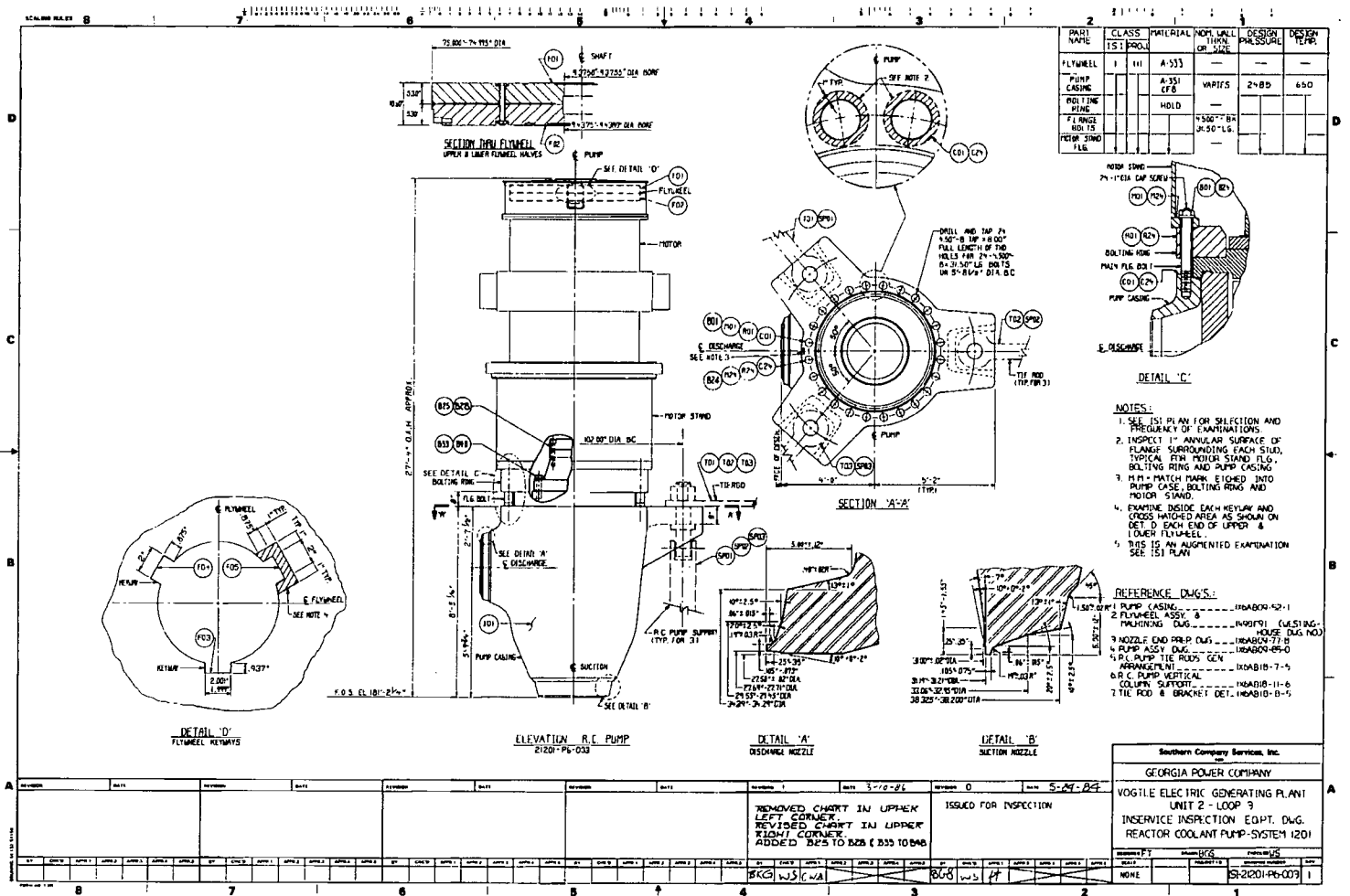
PART NAME	CLASS	MATERIAL	HOM WALL THICK OR SIZE	DESIGN PRESS.	DESIGN TEMP.
TUBING	1 111	304 SS	1/2" NPT	240PS	450°
TUBE SHEET	1 111	SA-208 C.P.	60"		
CORROSION PLATE	2 252	SA-240 TP 304	75" x 112"	100PS	300°











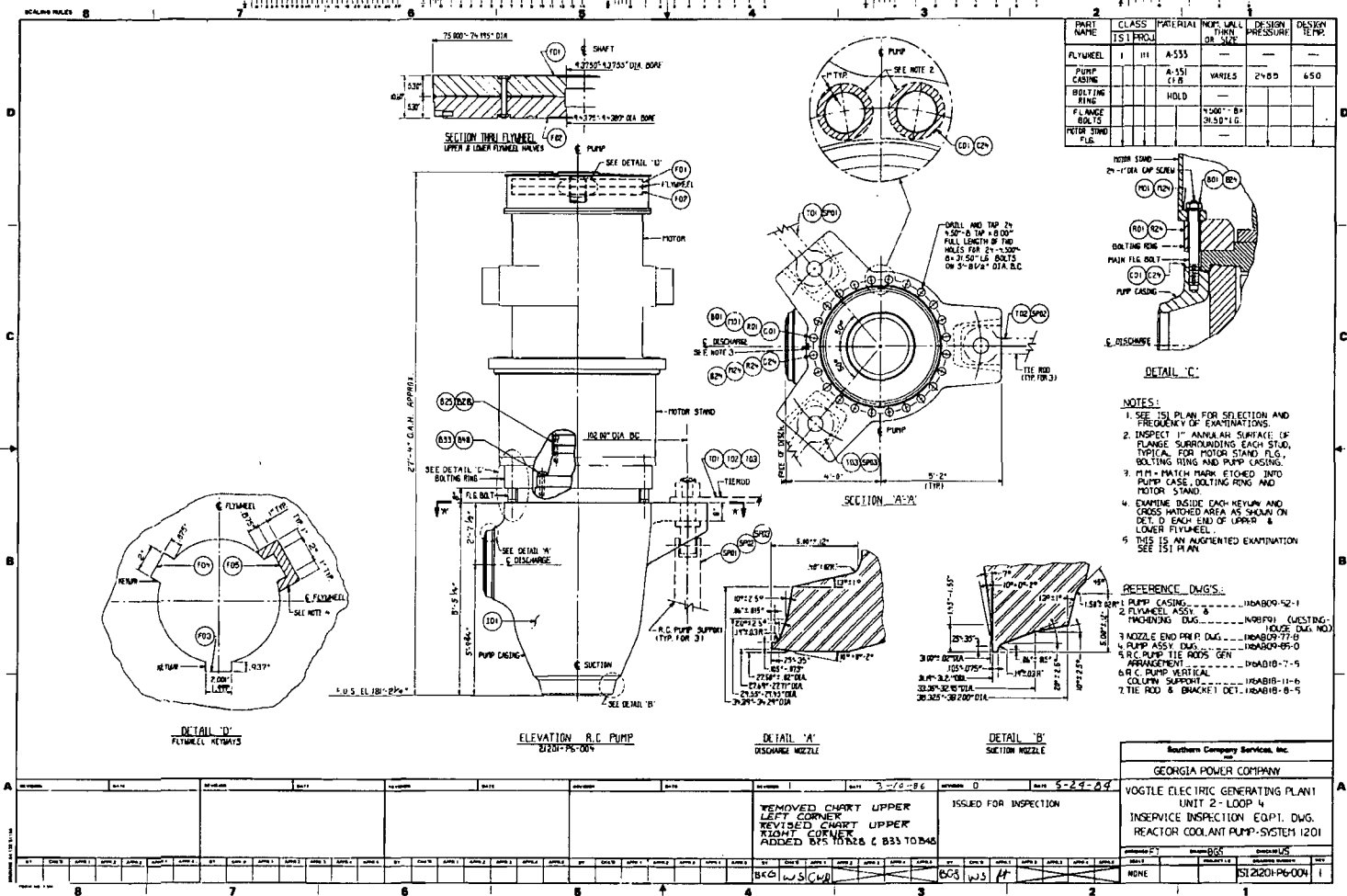
PART NAME	CLASS	MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESSURE	DESIGN TEMP.
FLYWHEEL	1	101	A-353	—	—
PUMP CASING	1	A-353	VARIES	24BD	650
DISCHARGE NOZZLE	1	HOLD	—	—	—
FLYWHEEL RETAINING FLG.	1	—	—	—	—

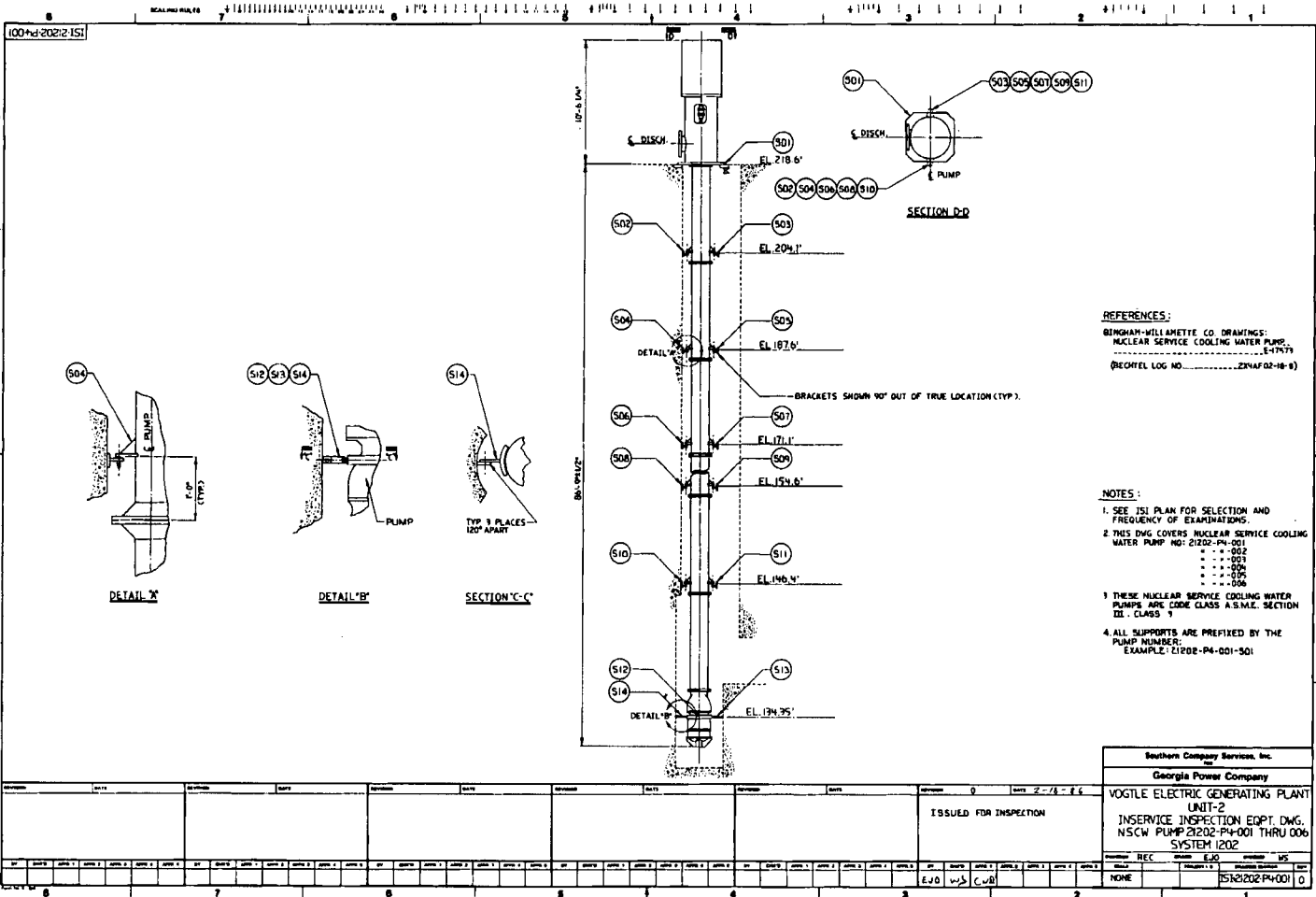
- NOTES:
1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
 2. INSPECT 1" ANNUAL SURFACE OF FLANGE SURROUNDING EACH STD. TYPICAL FOR MOTOR STAND STD. BOLTING RING AND PUMP CASING.
 3. MATCH MARK ETCHED INTO PUMP CASE, BOLTING RING AND MOTOR STAND.
 4. EXAMINE INSIDE EACH REYVAL AND CROSS HATCHED AREA AS SHOWN ON DET. D EACH END OF UPPER & LOWER FLYWHEEL.
 5. THIS IS AN AUGMENTED EXAMINATION SEE ISI PLAN.

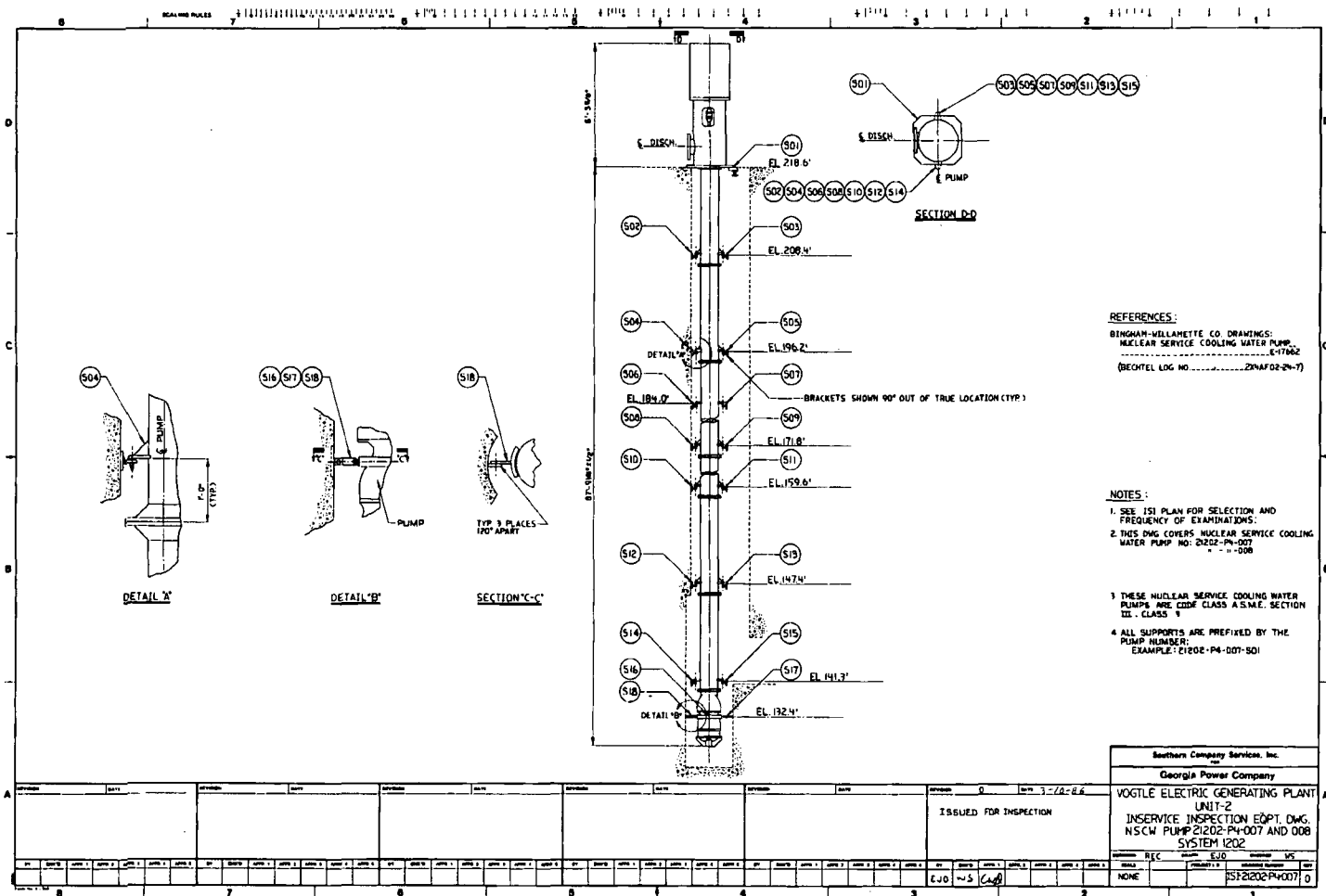
- PREFERENCE DWGS:
1. PUMP CASING - DRAWING 42-1
 2. FLYWHEEL ASSY. - DRAWING 42-2
 3. NOZZLE END PUMP DWG - DRAWING 77-B
 4. PUMP ASSY. DWG - DRAWING 69-0
 5. PUMP TIE RODS GEN. ARRANGEMENT - DRAWING 7-5
 6. R.C. PUMP VERTICAL COLUMN SUPPORT - DRAWING 11-6
 7. TIE ROD & BRACKET DET. DRAWING D-5

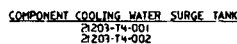
REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE
1	3-10-81	2	5-24-84				
REMOVED CHECK IN UPPER LEFT CORNER REVISED CHECK IN UPPER RIGHT CORNER ADDED B25 TO B28 & B33 TO B40				ISSUED FOR INSPECTION			
BY	CHKD	APPRD	DATE	BY	CHKD	APPRD	DATE

Southern Company Services, Inc.	
GEORGIA POWER COMPANY	
VOGTE ELECTRIC GENERATING PLANT	
UNIT 2 - LOOP 3	
INSERVICE INSPECTION EOP. DWG.	
REACTOR COOLANT PUMP-SYSTEM 1201	
REVISION	DATE
1	3-10-81
2	5-24-84







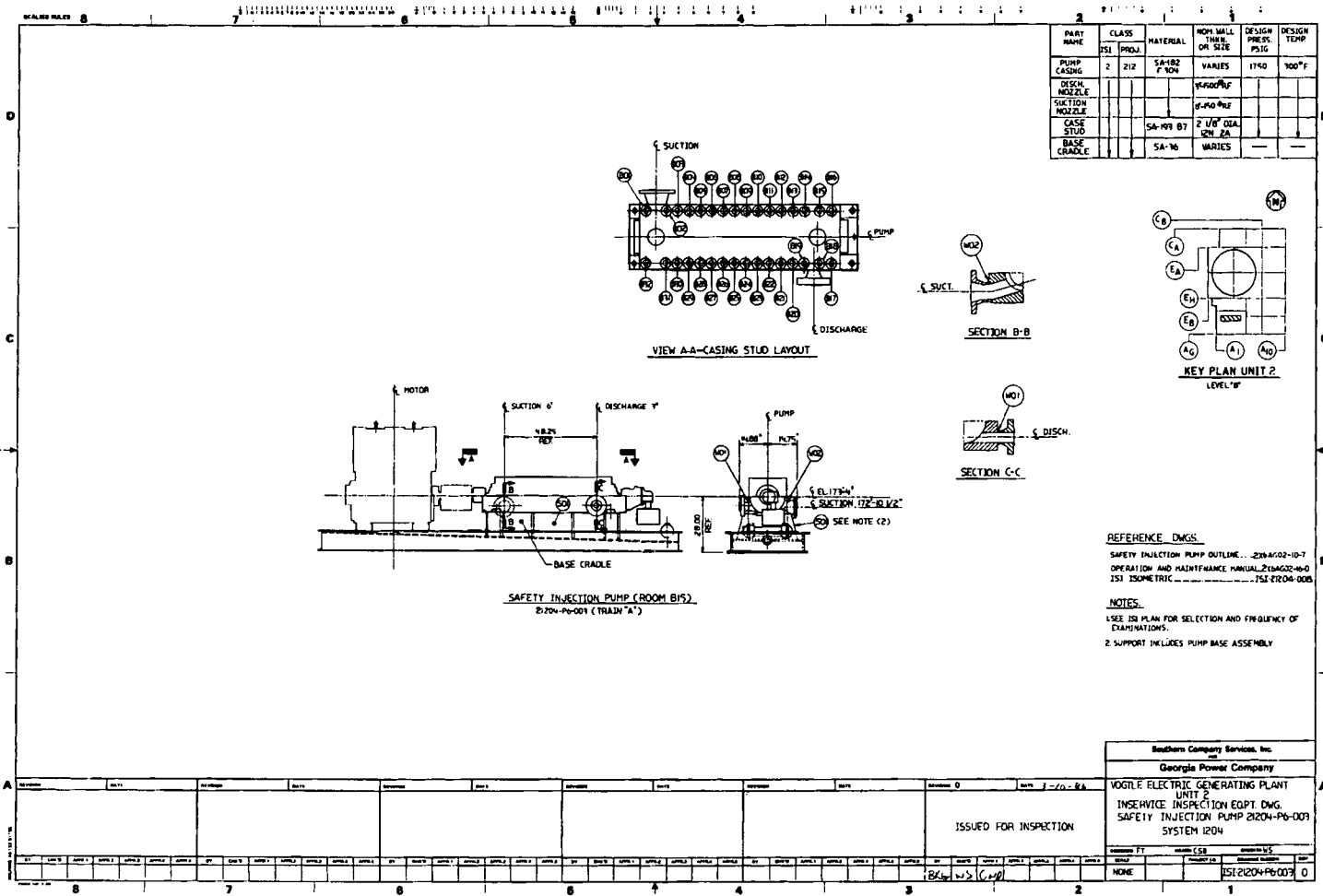


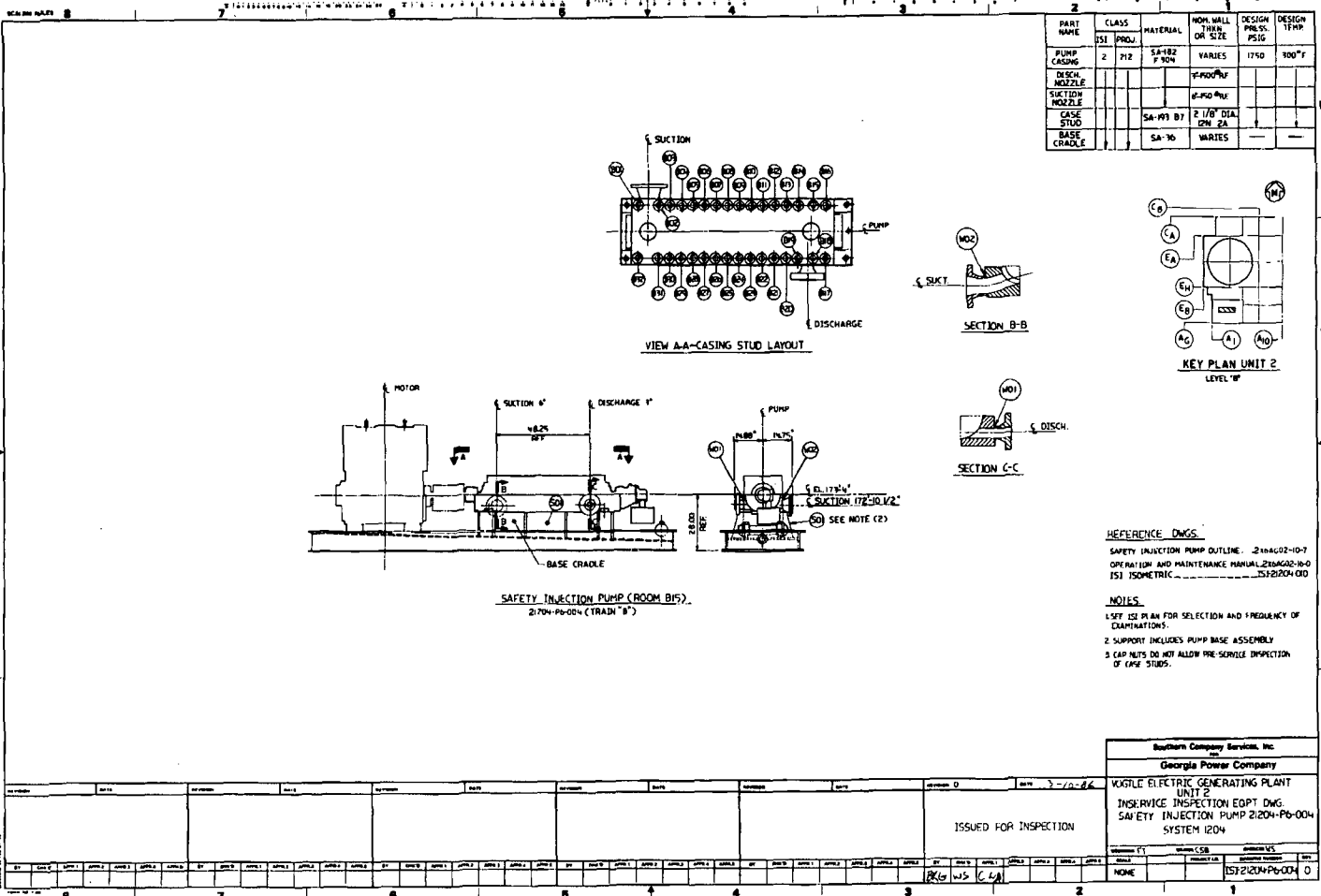
REFERENCE DWGS:
RICHMOND ENGINEERING CO., INC. DWGS
COMPONENT COOLING WATER SURGE TANK &
AUXILIARY COMPONENT COOLING WATER SURGE
TANK-----D-76-707
(BRIGHTTEL LOG NO.-----214AH04-2-B)

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.
2. THIS DWG. COVERS COMPONENT COOLING WATER SURGE TANKS 21203-T4-001 AND 21203-T4-002.
3. THIS VESSEL IS CODE CLASS A.S.M.E. SECTION III - CLASS 3.
4. ALL SUPPORTS ARE PREFRIB BY THE PUMP NUMBER:
EXAMPLE: 21203-T4-001-501

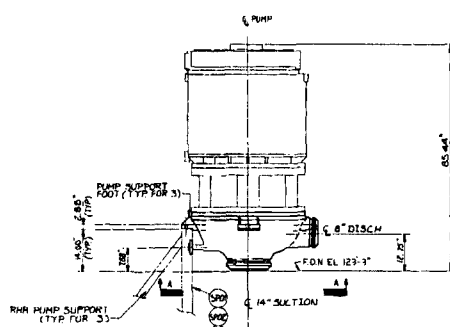
Southern Company Services, Inc. 1987																								Georgia Power Company VOITGE ELECTRIC GENERATING PLANT UNIT 2 INSERVICE INSPECTION EQUIPMENT DWG. COMPONENT COOLING WATER SURGE TANK SYSTEM IGD	
Issued for Inspection REC EJO NONE																								1512803-74-001	



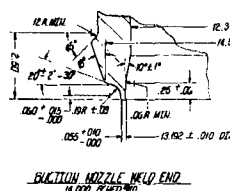
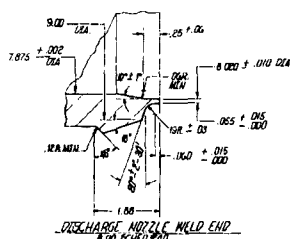
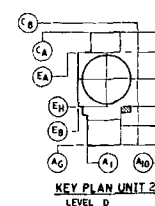
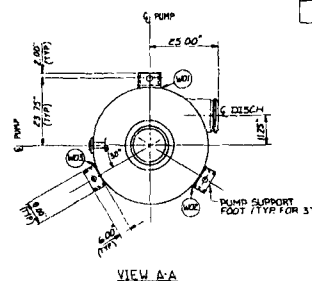


Southern Company Services, Inc.									
Georgia Power Company									
KAGLE ELECTRIC GENERATING PLANT UNIT 2									
INSERVICE INSPECTION EOPT DWG.									
SAFETY INJECTION PUMP 21804-P0-004									
SYSTEM 1204									
ISSUED FOR INSPECTION									
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY
12/15/84	WJS	12/15/84	WJS	12/15/84	WJS	12/15/84	WJS	12/15/84	WJS

PART NAME	CLASS		MATERIAL	NOM. WALL THKN. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
	ISI	PROJ.				
PUMP CASING	2	212	SA-102 F 304	VARIES	600	400
PUMP SPRIT FEET	2	212	SA-240 TY 304	200"	—	—
—						



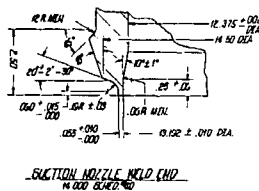
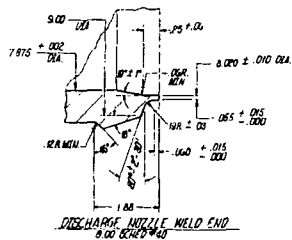
ELEVATION-RHR PUMP
21205-P6-001



REFERENCE DWGS:
INGERSOLL RAND DWGS:
RHR PUMP _____ ZY6AF02-26

NOTES:
1. SEE TSI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATIONS.

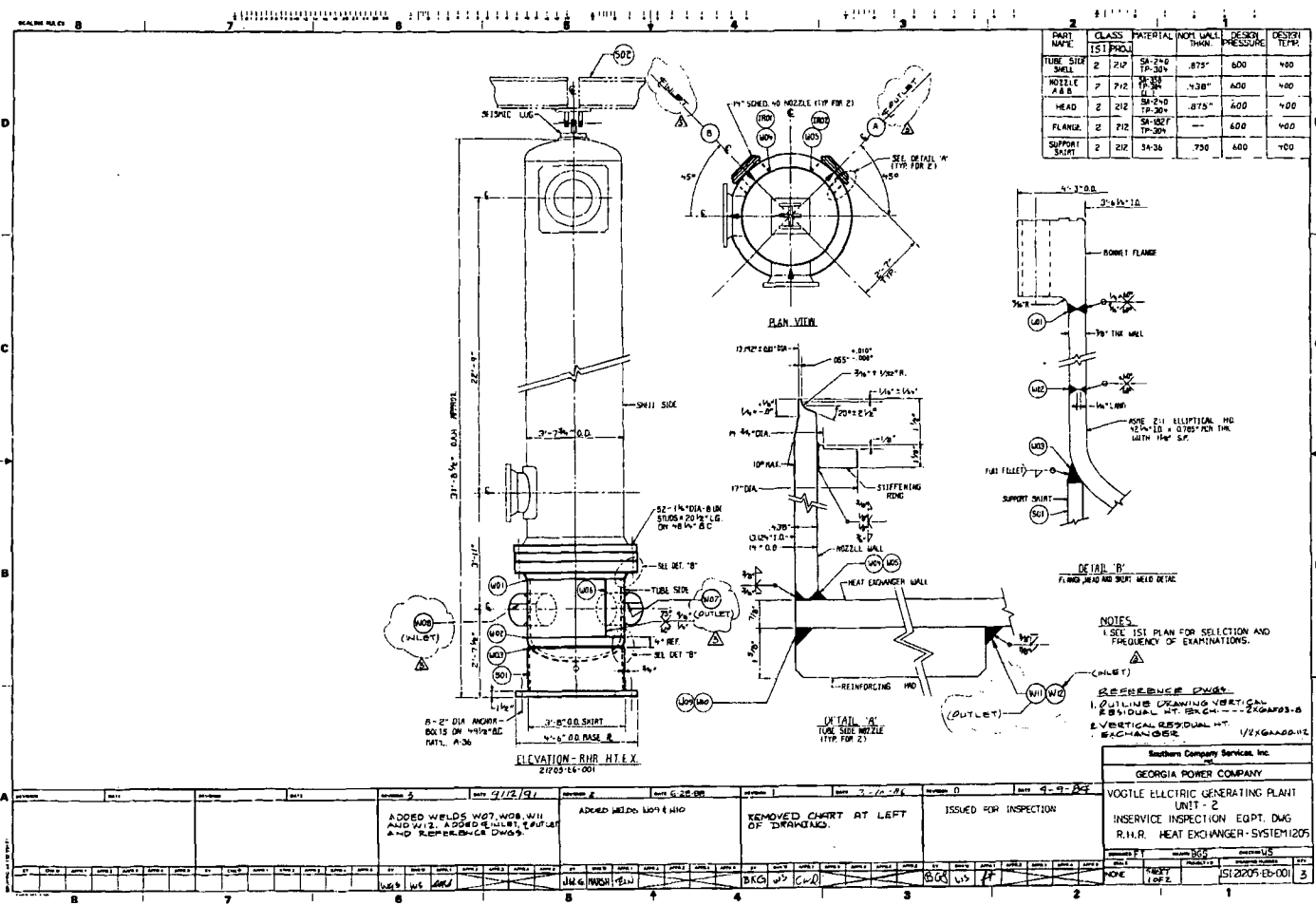
Southern Company Services, Inc. GEORGIA POWER COMPANY VOGLT ELECTRIC GENERATING PLANT UNIT-2 INSERVICE INSPECTION EOPT DWG RHR PUMP P6-001-SYSTEM 1205 ISSUED FOR INSPECTION																																																																							
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REFERENCE DWGS:
INGERSOLL RAND DWGS:
RMR PUMP _____ 2Y6AF02-26

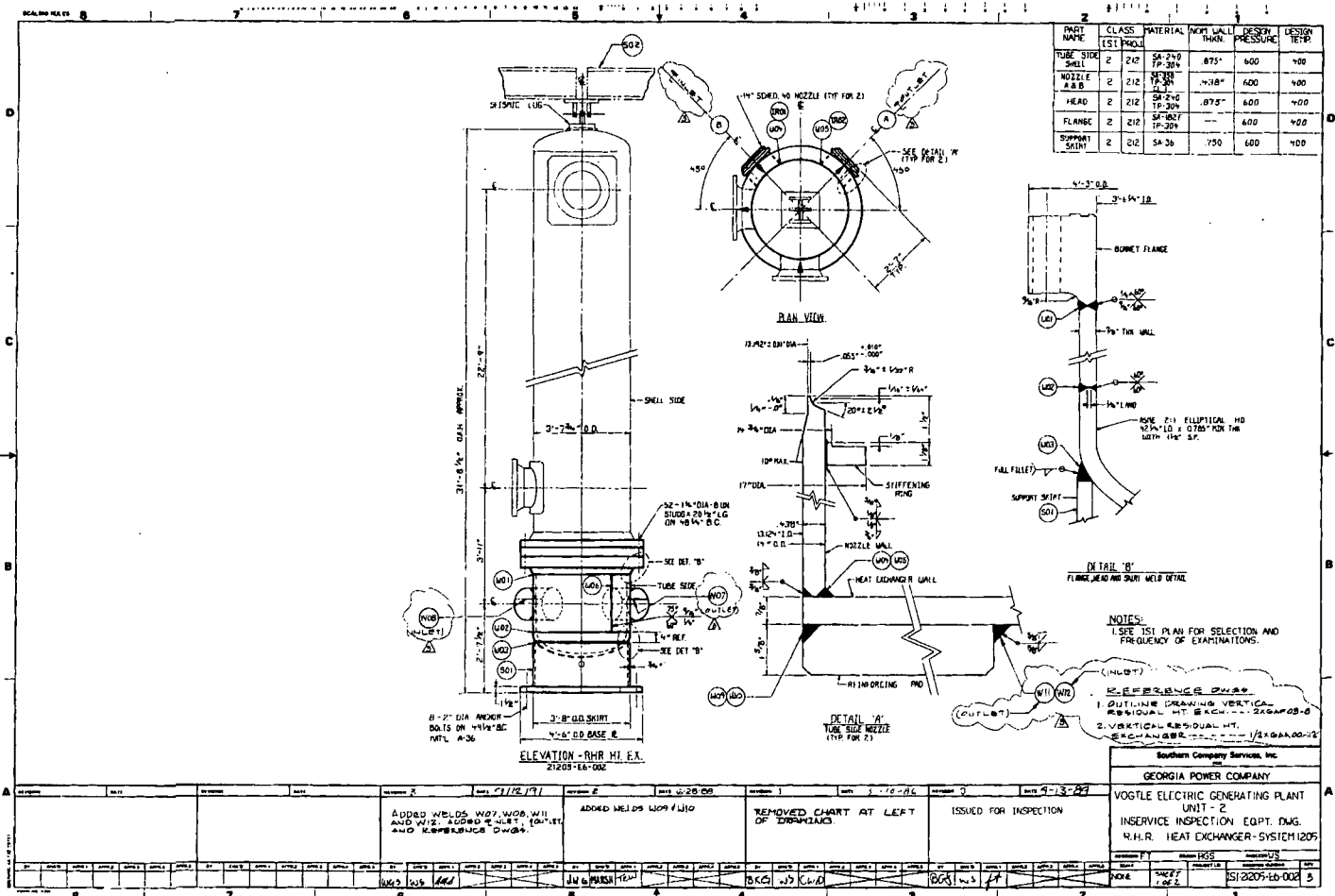
NOTES:
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Southern Company Services, Inc. GEORGIA POWER COMPANY										VOGTLÉ ELECTRIC GENERATING PLANT UNIT-2 INSERVICE INSPECTION EQPT DWG. RHR PUMP P6-002-SYSTEM 1205									
ISSUED FOR INSPECTION										DRAWING NO. P6-002-SYSTEM 1205 REVISIONS: 1 DATE: 12/1/85 BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]									

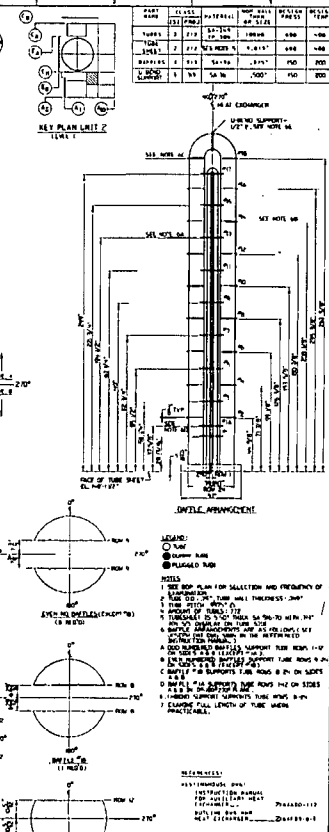


ITEM	NAME	CLASS	MATERIAL	NO. WALL	DESIGN	DESIGN
					TEMP.	TEMP.
1	TUBE SIDE	2	212	SA-210	875°	600
2	NOZZLE	2	212	TP-304	875°	600
3	HEAD	2	212	TP-304	875°	600
4	FLANGE	2	212	SA-210	875°	600
5	SUPPORT	2	212	SA-210	875°	600

[illegible]



PART NAME	CLASS		PREFECL	MOM. BALL OR 5/21	SECTION PAGES	MILES/TEMP
	212	PM02				
TURBS	2	212	SA-24 CP 1000	1000 lb	600	~000
TURB 3000	2	212	SA-24 CP 1000	1000 lb	600	~000
DIFFUSERS	4	212	SA-24	1,000*	400	200
V-BAND SLIPST	4	212	SA-24	1,000*	400	200



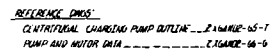
SIDE ARRANGEMENT RNR - HT EXCHANGER 2-1705-16-002
PRIMARY SIDE VIEW

[illegible]

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Georgia Power Company																								Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT																								VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2																								UNIT 2	
INSERVICE INSPECTION EQUIP DWG.																								INSERVICE INSPECTION EQUIP DWG.	
TANK-SPRAY ADDITIVE 4000 GAL.																								TANK-SPRAY ADDITIVE 4000 GAL.	
SYSTEM 2206																								SYSTEM 2206	
ISSUED FOR INSPECTION																								ISSUED FOR INSPECTION	
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KEY PLAN UNIT 2
LEVEL 2*

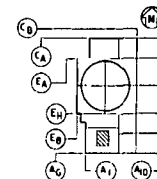
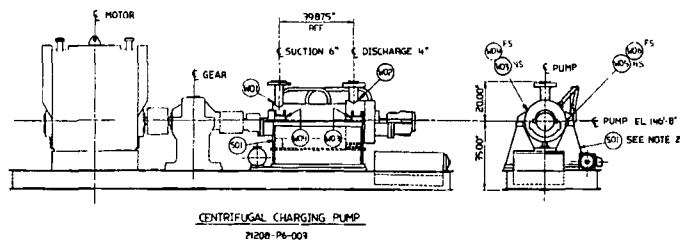


NOTES:

1. CELL IS PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION
2. SUPPORT EXCLUDES PUMP BASE
3. WALL THICKNESS OF 6" SUCTION NOZZLE IS 0.780" MIN TO 0.785" MAX. (FIELD MEASURED)

MEASURING RULER

PART NAME	CLASS	MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
PUMP CASING	E 212	SA-102 F 304	VARIES	2500	300°F
DISCH. NOZZLE	E 212		6"	2500	
SUCT. NOZZLE	E 212		6"	2500	
DISCH. FLANGE	E 212	SA-102 F 304	6" 150# R.F.	2500	
SUCT. FLANGE	E 212	SA-102 F 304	6" 150# R.F.	2500	
SUPPORT BRACKET	E 212	SA-102 F 304	VARIES	—	—



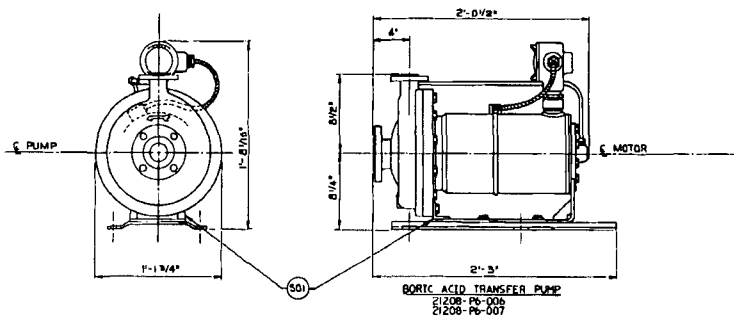
KEY PLAN UNIT 2
LEVEL "C"

REFERENCE DMS:
CENTRIFUGAL CHARGING PUMP OUTLET ... E-64446-NS-7
PUMP AND MOTOR DATA ... E-64446-NS-6

NOTES:
1. SEE ESE PLAN FOR SELECTION AND FREQUENCY OF LUBRICATION.
2. SUPPORT INCLUDES PUMP BASE.
3. WALL THICKNESS OF 6" SUCT. NOZZLE IS 0.781 IN. TO 0.785 IN. (FIELD MEASURED).

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT-2	
INSERVICE INSPECTION EQPT. DWG.	
CENTRIFUGAL CHARGING PUMP PB-003	
SYSTEM 1208	
DESIGNED BY	WJS
CHECKED BY	WJS
DATE	12/15/00
PROJECT NO.	12/15/00
ISSUED FOR INSPECTION	

900-90-00212151



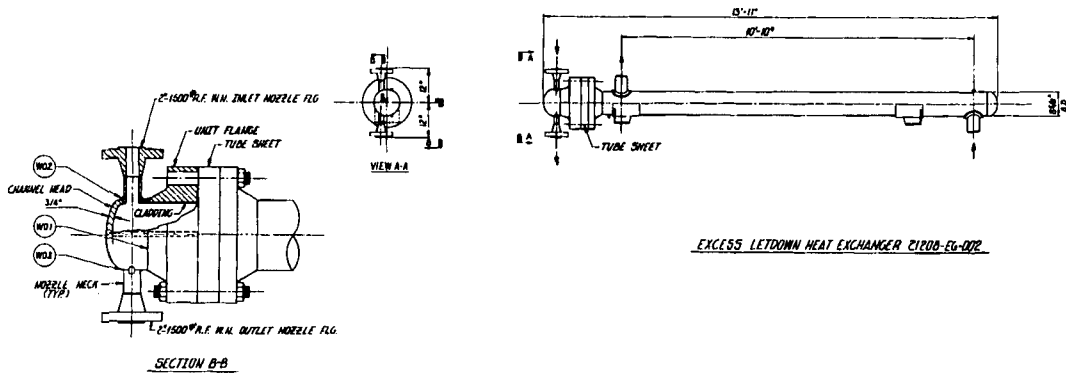
REFERENCES:
 CRANE CO. DWG.
 BORIC ACID TRANSFER PUMP.....62251
 (BECHTEL LOG NO.....2 XBAHQ2-45-9)

NOTES:
 1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
 2. THIS PUMP IS CODE CLASS A S.M.E. SECTION III, CLASS 1.
 3. ALL SUPPORTS ARE PREFIXED BY PUMP NUMBER:
 EXAMPLE: E1208-PB-006-S01
 4. THIS DWG. COVERS BORIC ACID TRANSFER PUMPS 21208-PB-006 AND 21208-PB-007.

BORIC ACID TRANSFER PUMP
 21208-PB-006
 21208-PB-007

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2	
INSERVICE INSPECTION EQUIP. DWG BORIC ACID TRANSFER PUMP SYSTEM 1208	
REVISION	DATE
1	3-10-86
ISSUED FOR INSPECTION	
DESIGNED BY	DATE
EJD	3-10-86
REVIEWED BY	DATE
WJS	3-10-86
APPROVED BY	DATE
WJS	3-10-86
REVISION	DATE
1	3-10-86
NONE	
15121208PB006 0	

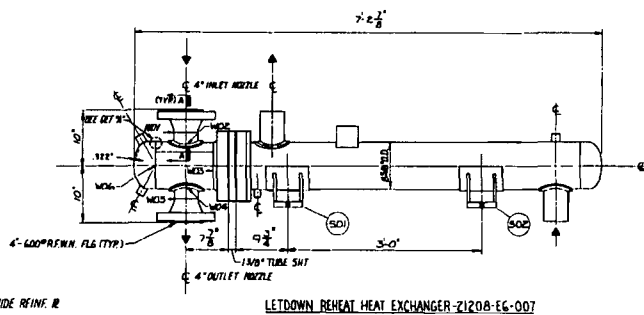
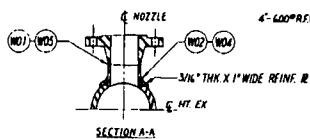
PART NAME	CLASS		MATERIAL	MINI WALL THICKNESS	DESIGN PRESS	DESIGN TEMP.
	IS 1	PROJECT				
CHAMFERED HEAD	Ø	Ø 1/8"	SAE 1020 10-100	0.180"	2000 PSI	650 °F
ADJUSTABLE WHEELS			SAE 1020 10-100	0.140"		
UNITED FLANGE			SAE 1020 10-100, CLASS	—		
INLET / OUTLET FLANGE			SAE 402 20-100	0.180"		
TYRE SHEET			SAE 1020 10-100, L	Ø"		



REFERENCE DINGS

NOTES:
1. SEE 1ST PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.

Southern Company Services, Inc. 7-11-78											
Georgia Power Company											
VOGTLE ELECTRIC GENERATING PLANT UNIT 2											
ISSUED FOR INSPECTION											
INSERVICE INSPECTION EQUIPMENT DURING EXCESS LETDOWN HEAT EXCHANGER REPAIR											
Revision: _____ Date: _____ Drawn: _____ Checked: _____ Approved: _____											
1512209 EB-002 0											



LETDOWN REHEAT HEAT EXCHANGER-Z1208-EG-007

PART NAME	CLASS		MATERIAL	NOM. WALL THICK. OR SIZE	DESIGN PRESS.	DESIGN TEMP.
	SSI	PROD.				
SMALL HEAD FLANGE SIZE	2	P12	SA-213 SS-304	322"	600"	400°
MEDIUM SMALL FLANGE SIZE			SA-213 SS-304	187"		
LARGE FLANGE SIZE			SA-213 SS-304	SCHED. 40S		
SMALL FLANGE SIZE			SA-182 SS-304	4" 600° RFLN		

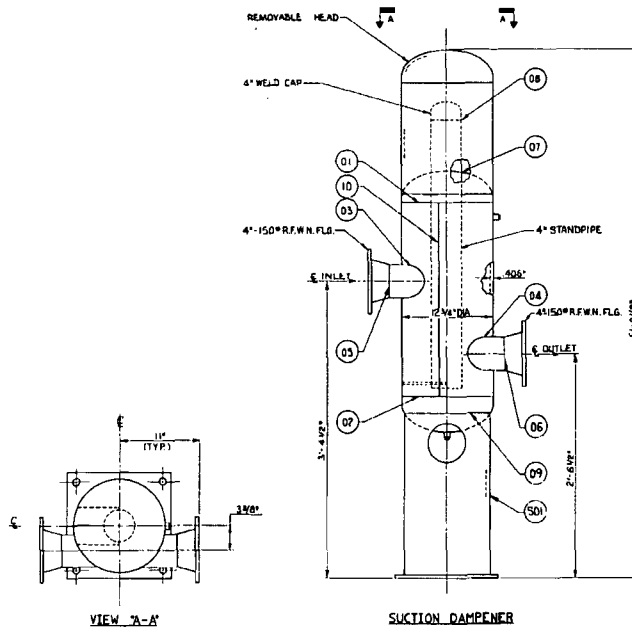
NOTES:
1 SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.

REFERENCE DWGS.
 AUXILIARY BUILDING
 PIPING PLAN-----244DL3603
 AUXILIARY BUILDING
 PIPING SECTIONS-----244DL3044
 157DOWN TREAT H.E.-----246A406-85-2

Southern Company Services, Inc. Georgia Power Company VOGLIE ELECTRIC GENERATING PLANT UNIT 2 INSERVICE INSPECTION EQPT. DWG. LETDOWN REPEAT HEAT EXCHANGER 21208-EG-007											
Issued for inspection											
Revision 1 Date 1-18-86											
Revision 2 Date 1-18-86											
Revision 3 Date 1-18-86											
Revision 4 Date 1-18-86											
Revision 5 Date 1-18-86											
Revision 6 Date 1-18-86											
Revision 7 Date 1-18-86											
Revision 8 Date 1-18-86											
Revision 9 Date 1-18-86											
Revision 10 Date 1-18-86											
Revision 11 Date 1-18-86											
Revision 12 Date 1-18-86											
Revision 13 Date 1-18-86											
Revision 14 Date 1-18-86											
Revision 15 Date 1-18-86											
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Revision 98 Date 1-18-86											
Revision 99 Date 1-18-86											
Revision 100 Date 1-18-86											

SCALE: 1"=1'-0"

PART NAME	CLASS	MATERIAL	NOM WALL THICKNESS	DESIGN PRESS	DESIGN TEMP
SHELL	2 212	SA-312 TP 304L	.406"	200	750°F
HEADS		SA-240 TP 304L	.375"		
NOZZLES		SA-312 TP 304L	SCH 40S		
4" FLANGES		SA-182 F 304L	150# R.F.W.N.		
4" STANDPIPE		SA-312 TP 304L	SCH 40S		
4" PIPE CAP		SA-403 WP 304 L	SCH 40S		
SUPPORT SKIRT		SA-312 TP 304	.375"		



VIEW "A-A"

SUCTION DAMPENER

Southern Company Services, Inc.

Georgia Power Company

VOGUE ELECTRIC GENERATING PLANT

UNIT 0

ISSUED FOR INSPECTION

INSERVICE INSPECTION ISOMETRIC

SUCTION DAMPENER

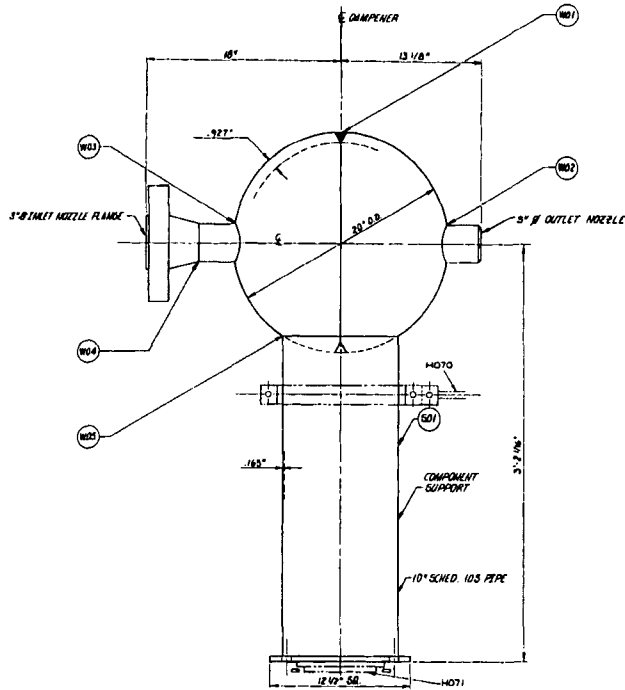
2208-V4-001

DATE: 3-10-82

BY: [Signature]

151-2208-V4-001 0

SCALE: 1/4" = 1'-0"



DISCHARGE PULSATION DAMPENER 2120B-V4-002

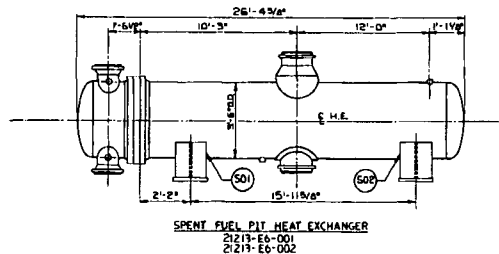
PART NAME	CLASS	MATERIAL	WELD	DESIGN PRESS	DESIGN TEMP
DISCHARGE PULSATION DAMPENER	1	SA-192 TP 304L	0.001"	1000 PSI	200°F
INLET/OUTLET FLANGE	1	SA-192 TP 304L	0.001"	1000 PSI	200°F
INLET/OUTLET NOZZLE	1	SA-192 TP 304L	0.001"	1000 PSI	200°F
DISCHARGE PULSATION DAMPENER	1	SA-192 TP 304L	0.001"	1000 PSI	200°F

REFERENCE DWGS.
GENERAL ATOMIC CO.
LIQUID PULSATION DAMPENER
MODEL POSN. 1-200

NOTES:
SEE 1ST PLAN FOR SELECTION AND FREQUENCY OF EXAMINATION.

ISSUED FOR INSPECTION

Southern Company Services, Inc.
Georgia Power Company
VOGTLE ELECTRIC GENERATING PLANT
UNIT 2
INSERVICE INSPECTION EQPT. DWG.
DISCHARGE PULSATION DAMPENER
2120B-V4-002
3'-1'-0"
1512120B-V4-002



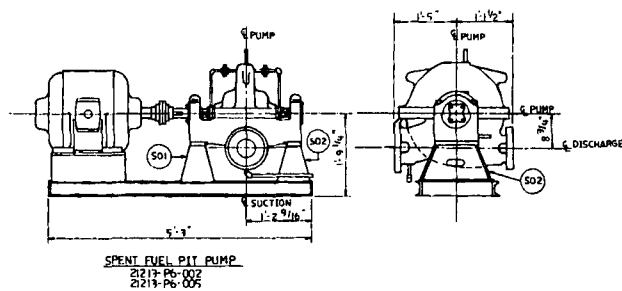
REFERENCES:

JOSEPH OAT CORP DWG.
SPENT FUEL PIT HEAT EXCHANGER.....6136
(BECHTEL LOG NO.....ZX6AM06-5-1

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
2. THIS HEAT EXCHANGER IS CODE CLASS A.B.M.E. SECTION III. CLASS 3
3. THIS DWG COVERS HEAT EXCHANGERS 21213-E6-001 AND 21213-E6-002
4. ALL SUPPORTS ARE PREFIXED BY THE HEAT EXCHANGER NUMBER:
EXAMPLE: 21213-E6-001-S01

																				Northern Company Services, Inc. Title	
																				Georgie Power Company	
																				VOGTLE ELECTRIC GENERATING PLANT UNIT 2	
																				INSERVICE INSPECTION EQUIP DWG SPENT FUEL PIT HEAT EXCHANGER SYSTEM I219	
																				Issued by EJD Date 6-1-80	
																				Checked by JWS Date 6-1-80	
																				Reviewed by NONE Date 6-1-80	
																				Drawing No. ES221219-E6-001	
																				Sheet 1 of 1	



REFERENCES:
GOULDS PUMPS, INC. DWG.
SPENT FUEL PIT PUMPS___N242737#1

(BECHTEL LOG NO. ___2X6AM03-6-1)

NOTES:

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
2. THIS DNG. COVERS SPENT FUEL PIT PUMPS 21213-P6-002 AND 21213-P6-005
3. THIS PUMP IS CODE-CLASS A.S.M.E SECTION III, CLASS 3.
4. ALL SUPPORTS ARE PREFIXED BY THE PUMP NUMBER.

EXAMPLE:
21213-P6-002-S01

Southern Company Services, Inc. GEORGIA POWER COMPANY VOGLT ELECTRIC GENERATING PLANT UNIT 2 INSERVICE INSPECTION EQUIP. DWG. SPENT FUEL PIT PUMPS SYSTEM 1219 ISSUED FOR INSPECTION																		REVISION REC NONE	RMS C-10	DATE 12/12/77	BY 002
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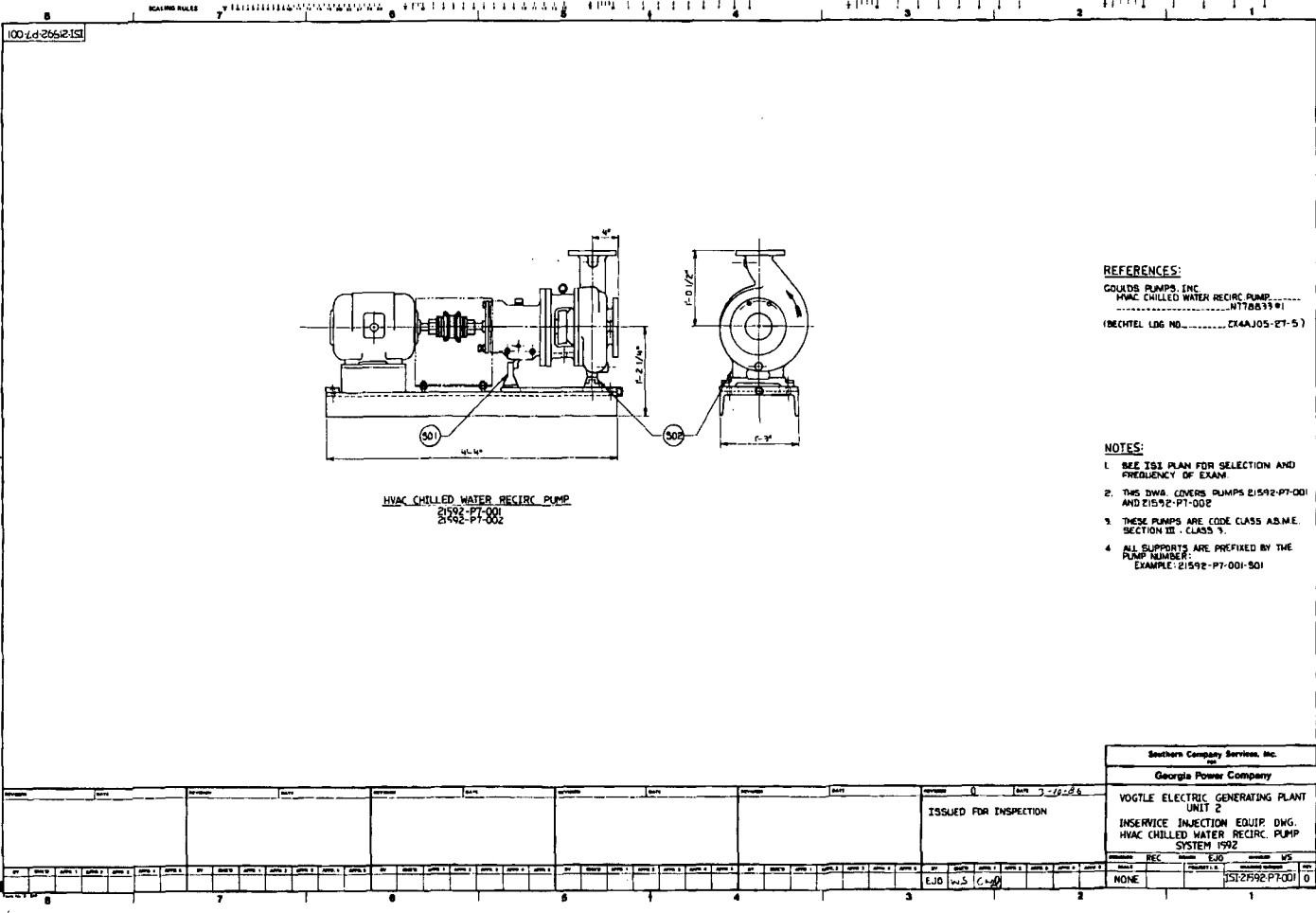
INGERSOLL-RAND DWO.
TURBINE AUXILIARY FEEDWATER PUMP...
.....C-65HMTA86X32B
(BECHTEL LOG NO.....ZX4AF03-63-4)
(" " ".....ZX4AF03-111-6)

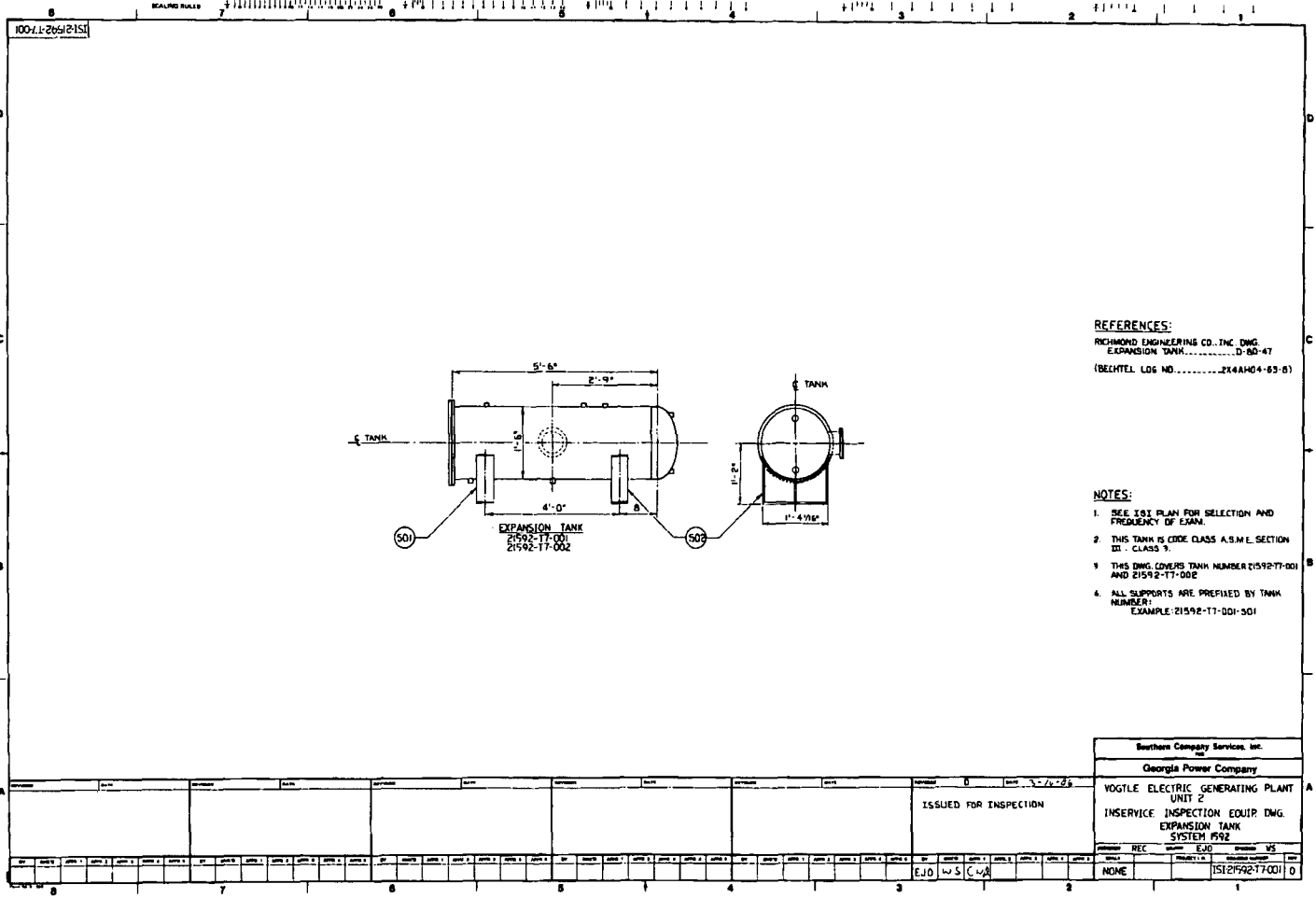
NOTE 2

1. SEE ISI PLAN FOR SELECTION AND FREQUENCY OF EXAM.
2. THIS PUMP IS CODE CLASS A S.M.E. SECTION III, CLASS 3.
3. ALL SUPPORTS ARE PREFIXED BY THE PUMP NUMBER:
EXAMPLE: 21502-P4-001-501

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ISOMETRIC DRAWINGS

The drawings listed in this section give line layout, weld location and numbers, and access expediments. The drawings are intended for ISI use only and should not be confused with design drawings. These drawings are available on aperture cards located in the Document Control at both the VEGP Site and SNC Birmingham.

The following is a listing of the applicable systems and their drawing numbers.

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
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	ISI-21201-010	2
	ISI-21201-011	2
	ISI-21201-012	2
	ISI-21201-029 (Sh. 1)	3
	ISI-21201-029 (Sh. 2)	1
	ISI-21201-030 (Sh. 1)	3
	ISI-21201-030 (Sh. 2)	3
	ISI-21201-031	1
	ISI-21201-036	3
	ISI-21201-042	1
	ISI-21201-046	1
	ISI-21201-048	2
	ISI-21201-049	1
	ISI-21201-050	1
	ISI-21201-051	1
	ISI-21201-053	3
	ISI-21201-056	2
	ISI-21201-057	3
	ISI-21201-058	2
	ISI-21201-059	2
	ISI-21201-060	0
	ISI-21201-208	1

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Nuclear Service Cooling Water	ISI-21202-001 (Sh. 1)	1
	ISI-21202-001 (Sh. 2)	2
	ISI-21202-001 (Sh. 3)	1
	ISI-21202-140	2
	ISI-21202-141	1
	ISI-21202-188 (Sh. 1)	3
	ISI-21202-188 (Sh. 2)	3
	ISI-21202-189	1
	ISI-21202-192 (Sh. 1)	1
	ISI-21202-192 (Sh. 2)	2
	ISI-21202-192 (Sh. 3)	1
	ISI-21202-192 (Sh. 4)	1
	ISI-21202-196 (Sh. 1)	2
	ISI-21202-196 (Sh. 2)	1
	ISI-21202-196 (Sh. 3)	2
	ISI-21202-197	2
	ISI-21202-202	1
	ISI-21202-204	1
	ISI-21202-205	1
	ISI-21202-207	1
	ISI-21202-209 (Sh. 1)	1
	ISI-21202-209 (Sh. 2)	2
	ISI-21202-209 (Sh. 3)	1
	ISI-21202-211	1
	ISI-21202-212 (Sh. 1)	1
	ISI-21202-212 (Sh. 2)	1
	ISI-21202-212 (Sh. 3)	1
	ISI-21202-216 (Sh. 1)	2
	ISI-21202-216 (Sh. 2)	2
	ISI-21202-216 (Sh. 3)	1
	ISI-21202-216 (Sh. 4)	1
	ISI-21202-216 (Sh. 5)	1
	ISI-21202-218 (Sh. 1)	1
	ISI-21202-218 (Sh. 2)	1
	ISI-21202-220 (Sh. 1)	1
	ISI-21202-220 (Sh. 2)	1
	ISI-21202-220 (Sh. 3)	1
	ISI-21202-220 (Sh. 4)	1
	ISI-21202-220 (Sh. 5)	1
	ISI-21202-223 (Sh. 1)	1

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Nuclear Service Cooling Water (Cont'd)	ISI-21202-223 (Sh. 2)	1
	ISI-21202-223 (Sh. 3)	1
	ISI-21202-223 (Sh. 4)	2
	ISI-21202-225 (Sh. 1)	2
	ISI-21202-225 (Sh. 2)	1
	ISI-21202-225 (Sh. 3)	1
	ISI-21202-225 (Sh. 4)	1
	ISI-21202-229 (Sh. 1)	2
	ISI-21202-229 (Sh. 2)	2
	ISI-21202-229 (Sh. 3)	2
	ISI-21202-231 (Sh. 1)	2
	ISI-21202-231 (Sh. 2)	2
	ISI-21202-231 (Sh. 3)	2
Safety Injection	ISI-21204-001	1
	ISI-21204-003	1
	ISI-21204-004	2
	ISI-21204-006 (Sh. 1)	2
	ISI-21204-006 (Sh. 2)	3
	ISI-21204-006 (Sh. 3)	3
	ISI-21204-007	2
	ISI-21204-008 (Sh. 1)	1
	ISI-21204-008 (Sh. 2)	2
	ISI-21204-010	2
	ISI-21204-011	1
	ISI-21204-012	2
	ISI-21204-014	4
	ISI-21204-015	2
	ISI-21204-016	3
	ISI-21204-017	3
	ISI-21204-018	1
	ISI-21204-020	2
	ISI-21204-021	3
	ISI-21204-022	2
	ISI-21204-023	3
	ISI-21204-024	2
	ISI-21204-025	4
	ISI-21204-028 (Sh. 1)	2
	ISI-21204-028 (Sh. 2)	1
	ISI-21204-029 (Sh. 1)	1

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Safety Injection (Cont'd)	ISI-21204-029 (Sh. 2)	2
	ISI-21204-029 (Sh. 3)	3
	ISI-21204-030 (Sh. 1)	2
	ISI-21204-030 (Sh. 2)	3
	ISI-21204-031	2
	ISI-21204-032	2
	ISI-21204-033	1
	ISI-21204-034	1
	ISI-21204-035	1
	ISI-21204-036	1
	ISI-21204-037 (Sh. 1)	1
	ISI-21204-037 (Sh. 2)	1
	ISI-21204-037 (Sh. 3)	1
	ISI-21204-038	3
	ISI-21204-039 (Sh. 1)	1
	ISI-21204-039 (Sh. 2)	1
	ISI-21204-041 (Sh. 1)	1
	ISI-21204-041 (Sh. 2)	1
	ISI-21204-042	2
	ISI-21204-043	1
	ISI-21204-044	1
	ISI-21204-045	1
	ISI-21204-057 (Sh. 1)	3
	ISI-21204-057 (Sh. 2)	4
	ISI-21204-063 (Sh. 1)	2
	ISI-21204-063 (Sh. 2)	1
	ISI-21204-076 (Sh. 1)	2
	ISI-21204-076 (Sh. 2)	2
	ISI-21204-077	1
	ISI-21204-078	1
	ISI-21204-079	1
	ISI-21204-120	1
	ISI-21204-121	1
	ISI-21204-122	1
	ISI-21204-123	1
	ISI-21204-124	2
	ISI-21204-125	1
	ISI-21204-126	1
	ISI-21204-127	1
	ISI-21204-169	2

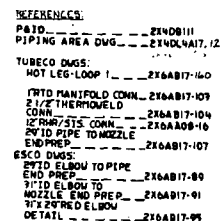
<u>System</u>	<u>Isometric Drawing Number</u>	<u>Revision</u>	
Safety Injection (Cont'd)	ISI-21204-177	1	
	ISI-21204-192	2	
	ISI-21204-197 (Sh. 1)	1	
	ISI-21204-197 (Sh. 2)	3	
	ISI-21204-199 (Sh. 1)	1	
	ISI-21204-199 (Sh. 2)	2	
	ISI-21204-201	1	
	ISI-21204-243	1	
	ISI-21204-244	1	
	ISI-21204-245	1	
	ISI-21204-246	1	
Residual Heat Removal	ISI-21205-001	1	
	ISI-21205-002	1	
	ISI-21205-003 (Sh. 1)	1	
	ISI-21205-003 (Sh. 2)	3	
	ISI-21205-003 (Sh. 3)	2	
	ISI-21205-003 (Sh. 4)	2	
	ISI-21205-004 (Sh. 1)	1	
	ISI-21205-004 (Sh. 2)	2	
	ISI-21205-004 (Sh. 3)	2	
	ISI-21205-005 (Sh. 1)	0	
	ISI-21205-005 (Sh. 2)	0	
	ISI-21205-006 (Sh. 1)	2	
	ISI-21205-006 (Sh. 2)	2	
	ISI-21205-007 (Sh. 1)	1	
	ISI-21205-007 (Sh. 2)	3	
	ISI-21205-007 (Sh. 3)	1	
	ISI-21205-007 (Sh. 4)	2	
	ISI-21205-007 (Sh. 5)	2	
	ISI-21205-008 (Sh. 1)	1	
	ISI-21205-008 (Sh. 2)	1	
	ISI-21205-008 (Sh. 3)	3	
	ISI-21205-008 (Sh. 4)	2	
	ISI-21205-009	1	
	ISI-21205-010 (Sh. 1)	2	
	ISI-21205-010 (Sh. 2)	2	
	ISI-21205-027	2	
	ISI-21205-028	1	
	ISI-21205-039	2	
	ISI-21205-040	2	

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Containment Spray	ISI-21206-001 (Sh. 1)	2
	ISI-21206-001 (Sh. 2)	1
	ISI-21206-002 (Sh. 1)	1
	ISI-21206-002 (Sh. 2)	2
	ISI-21206-003	2
	ISI-21206-004	2
	ISI-21206-005 (Sh. 1)	1
	ISI-21206-005 (Sh. 2)	1
	ISI-21206-005 (Sh. 3)	1
	ISI-21206-006 (Sh. 1)	1
	ISI-21206-006 (Sh. 2)	1
	ISI-21206-006 (Sh. 3)	1
	ISI-21206-007	1
	ISI-21206-008	2
Chemical and Volume Control	ISI-21208-001	1
	ISI-21208-003 (Sh. 1)	3
	ISI-21208-003 (Sh. 2)	2
	ISI-21208-003 (Sh. 3)	2
	ISI-21208-003 (Sh. 4)	1
	ISI-21208-003 (Sh. 5)	2
	ISI-21208-003 (Sh. 6)	1
	ISI-21208-007	1
	ISI-21208-009	1
	ISI-21208-012	1
	ISI-21208-022 (Sh. 1)	1
	ISI-21208-022 (Sh. 2)	2
	ISI-21208-022 (Sh. 3)	1
	ISI-21208-022 (Sh. 4)	2
	ISI-21208-023 (Sh. 1)	2
	ISI-21208-023 (Sh. 2)	2
	ISI-21208-023 (Sh. 3)	2
	ISI-21208-023 (Sh. 4)	1
	ISI-21208-023 (Sh. 5)	3
	ISI-21208-024	3
	ISI-21208-042	2
	ISI-21208-043	2
	ISI-21208-044	2
	ISI-21208-045	3
	ISI-21208-046	3

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Chemical and Volume Control (Cont'd)	ISI-21208-047	3
	ISI-21208-051	1
	ISI-21208-052	1
	ISI-21208-053	2
	ISI-21208-099	2
	ISI-21208-101	2
	ISI-21208-123 (Sh. 1)	2
	ISI-21208-123 (Sh. 2)	2
	ISI-21208-123 (Sh. 3)	1
	ISI-21208-137	1
	ISI-21208-139	2
	ISI-21208-141	2
	ISI-21208-144	2
	ISI-21208-145	3
	ISI-21208-146 (Sh. 1)	2
	ISI-21208-146 (Sh. 2)	2
	ISI-21209-147	1
	ISI-21208-149	3
	ISI-21208-150	2
	ISI-21208-251	1
	ISI-21208-252	1
	ISI-21208-253	1
	ISI-21208-410 (Sh. 1)	3
	ISI-21208-410 (Sh. 2)	1
	ISI-21208-410 (Sh. 3)	2
	ISI-21208-411 (Sh. 1)	1
	ISI-21208-411 (Sh. 2)	1
	ISI-21208-497	2
	ISI-21208-499	2
Main Steam	ISI-21301-001 (Sh. 1)	1
	ISI-21301-001 (Sh. 2)	1
	ISI-21301-002 (Sh. 1)	1
	ISI-21301-002 (Sh. 2)	1
	ISI-21301-003 (Sh. 1)	1
	ISI-21301-003 (Sh. 2)	1
	ISI-21301-004 (Sh. 1)	1
	ISI-21301-004 (Sh. 2)	1
	ISI-21301-013	1
	ISI-21301-014	1

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Main Steam (Cont'd)	ISI-21301-015	1
	ISI-21301-016	2
	ISI-21301-104	2
	ISI-21301-105	2
	ISI-21301-106	2
	ISI-21301-107	2
Auxiliary Feedwater	ISI-21302-029	1
	ISI-21302-030	1
	ISI-21302-031 (Sh. 1)	1
	ISI-21302-031 (Sh. 2)	1
	ISI-21302-032 (Sh. 1)	1
	ISI-21302-032 (Sh. 2)	1
	ISI-21302-033	1
	ISI-21302-034	1
	ISI-21302-085	1
	ISI-21302-085	1
	ISI-21302-107 (Sh. 1)	3
	ISI-21202-107 (Sh. 2)	2
	ISI-21202-107 (Sh. 3)	1
	ISI-21302-108 (Sh. 1)	2
	ISI-21302-108 (Sh. 2)	2
	ISI-21302-108 (Sh. 3)	1
	ISI-21302-109 (Sh. 1)	3
	ISI-21302-109 (Sh. 2)	1
	ISI-21302-109 (Sh. 3)	1
	ISI-21302-110 (Sh. 1)	2
	ISI-21302-110 (Sh. 2)	1
	ISI-21202-110 (Sh. 3)	1
Condensate and Feedwater	ISI-21305-058 (Sh. 1)	1
	ISI-21305-058 (Sh. 2)	1
	ISI-21305-060 (Sh. 1)	1
	ISI-21305-060 (Sh. 2)	1
	ISI-21305-062 (Sh. 1)	1
	ISI-21305-062 (Sh. 2)	1
	ISI-21305-064 (Sh. 1)	1
	ISI-21305-064 (Sh. 2)	1
	ISI-21305-154	1
	ISI-21305-155	1
	ISI-21305-156	1
	ISI-21305-157	2

<u>System</u>	Isometric Drawing <u>Number</u>	<u>Revision</u>
Containment Heat Removal	ISI-21501-024	0
	ISI-21501-025	0
	ISI-21501-026	0
	ISI-21501-027	0
	ISI-21501-028	0
	ISI-21501-029	0
	ISI-21501-030	0
Containment Heat Removal (Cont'd)	ISI-21501-031	0
	ISI-21501-032	0
	ISI-21501-033	0
	ISI-21501-034	0
	ISI-21501-035	0
	ISI-21501-036	0
	ISI-21501-037	0
	ISI-21501-038	1
	ISI-21501-039	1
Containment Heat Removal	ISI-21515-006	0
	ISI-21515-007	0
	ISI-21515-008	1
	ISI-21515-009	1



LOCATION: UNIT 2 CONTAINMENT BLDG,
LEVEL B, AREA A

NOTES:
1 SEE ESO DWG NO ZX6AB17-95 FOR
ACTUAL WALL THICKNESS.

LOOP#1

[illegible]

200-10212151

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	SPECIAL THICK
Z1201-002	1	24" ID	SPL	2 1/2" NOM	SA-304	4"
Z1201-002	1	24" ID	SPL	VARIES	CF8A	4"

REFERENCES:
 P&ID: Z1201-002
 PIPING AREA DUG: Z1201-002
 TUBESCO DWGS:
 HOT LEG-LOOP 2: Z1201-002
 1/2" THERMOVELD CONN: Z1201-002
 24" ID PIPE TO NOZZLE: Z1201-002
 END PREP: Z1201-002
 ESCO DWGS:
 24" ID ELBOW TO PIPE: Z1201-002
 END PREP: Z1201-002
 1/2" ELBOW TO NOZZLE: Z1201-002
 END PREP: Z1201-002
 1/2" 24" ELBOW DETAIL: Z1201-002

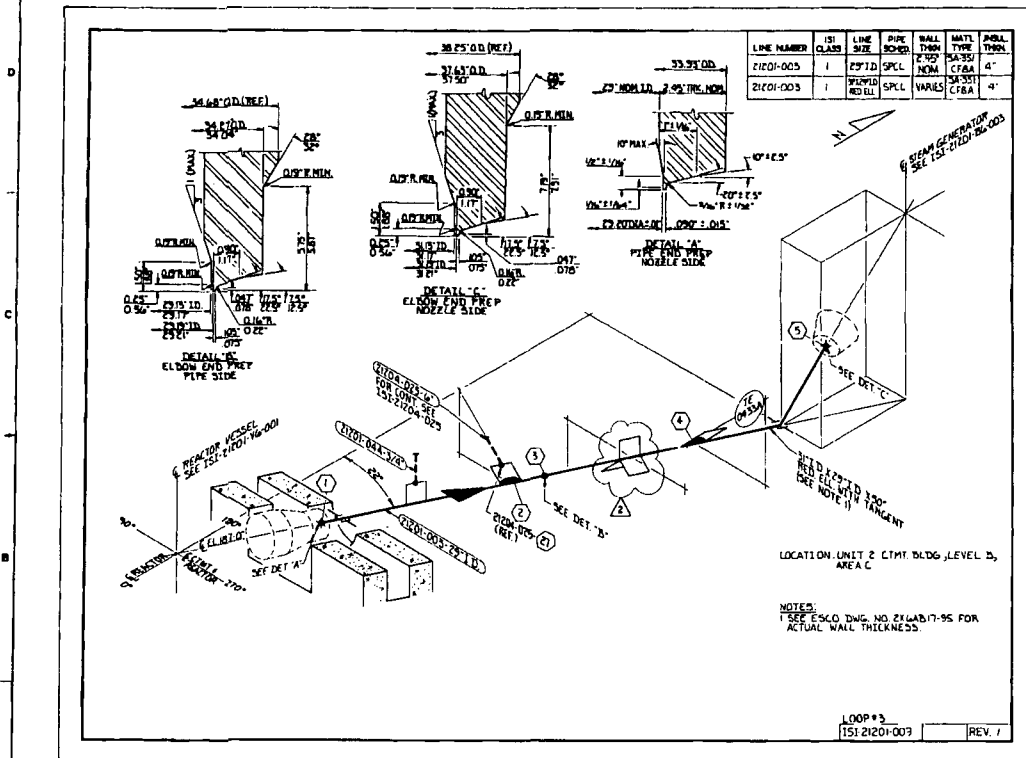
LOCATION: UNIT 2 CMT BLDG LEVEL B
AREA B

NOTES:
 1. SEE ESCO DWG. NO. Z1201-002 FOR
 ACTUAL WALL THICKNESS

 LOMP#2
 151-21201-002 REV 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO 002 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
REVISIONS	REVISIONS
NO. DATE	NO. DATE
1 151-21201-002	2

600-10212-151



REFERENCES:
 P&ID _____ 216AB111
 PIPING AREA DWS _____ 216AB112/12
 TUBECO DWGS:
 HOT LEG-LOOP 3 _____ 216AB17-165
 1" RTD MANIFOLD CONN. _____ 216AB17-103
 2 1/2" THERMOWELD CONN. _____ 216AB17-104
 8" SW/215 CONN. _____ 216AB17-105
 24" ID PIPE TO NOZZLE _____ 216AB17-107
 END PREP _____ 216AB17-107
 ESCO DWGS:
 24" ID ELBOW TO PIPE _____ 216AB17-09
 END PREP _____ 216AB17-09
 3" ID ELBOW TO NOZZLE _____ 216AB17-04
 END PREP _____ 216AB17-04
 1" 2" TYPED ELBOW _____ 216AB17-06
 DETAIL _____ 216AB17-06

Southern Company Services, Inc.											
Georgia Power Company											
VOGUE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 003 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201											
ISSUED FOR INSPECTION											
NONE											
151-21201-003 2											



P&ID.....EXADDB111
PIPING AREA DWG.....EXADDB1A7
9XADL0406
TUBECO DWGS:
HOT LEG-LOOP A.....EXADDB7-103
1" POLY. COLD LEG.....EXADDB7-171
2 1/2" COLD WHEWELD
CONU.....EXADDB7-104
12" THRASIS CONU.....EXADBA008-10
16" POLY. COLD LEG.....EXADBA008-10
BURGE LINE CONU.....EXGPA008-16
9" ID PIPE TO
NOZZLE END PREP.....EXGPA07-07
ESCO DWGS:
C/O TO ELBOW TO PIPE
END PREPARATION.....EXGAB7-89
3 1/2" ID ELBOW TO
NOZZLE END PREP.....EXGAB7-91
3 1/2" x 24" NCK
DETAIL.....EXGAB7-93

LOCATION: UNIT 2 CTMT.
BLDG. LEVEL. D
AREA D

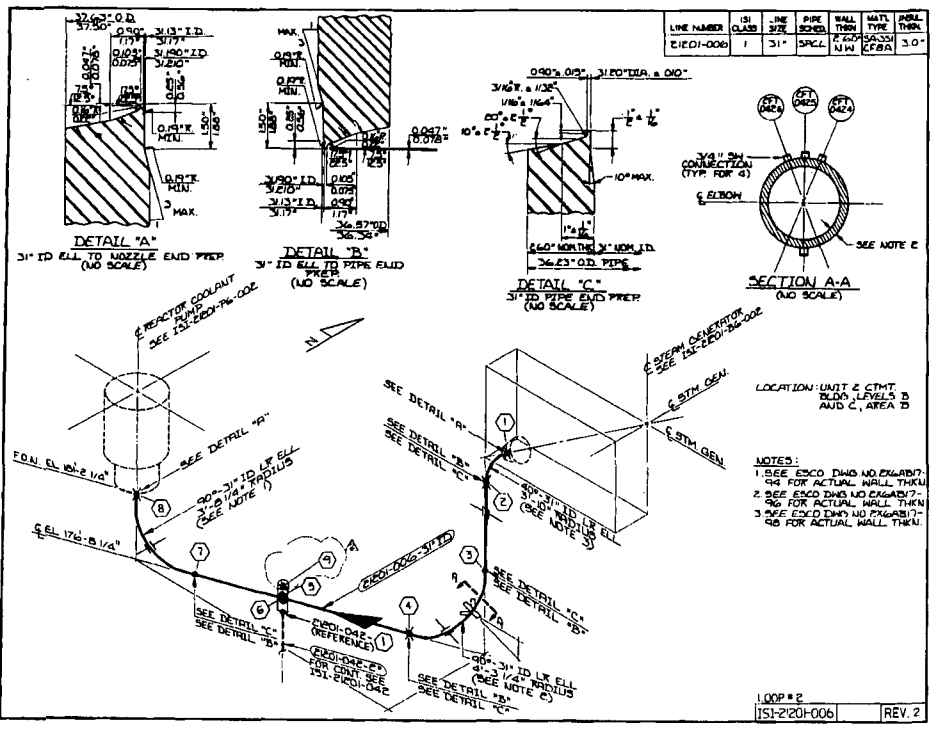
NOTES:
1. SEE ESO Dwg. NO. EX-6817-
95 FOR ACTUAL WALL
THICKNESS.

LOOP #4

ISI-21201-004	REV. 1
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[illegible]

900-0212-151



REFERENCES:
 P&ID: EX-100111
 PIPING AREA DNO: EX-100107
 EX-100111/12
 TUBECO DNO: EX-100111/12
 CROSSOVER LEG: EX-100111/12
 LOOP 2: EX-100111/12
 3/4" ROW HEAD: EX-100111/12
 TAP COUPL: EX-100111/12
 2" DRAIN COUPL: EX-100111/12
 3" RTD COUPL: EX-100111/12
 3/4" PIPE END PREP: EX-100111/12
 EX-100111/12
 3/4" ID ELBOW TO PIPE: EX-100111/12
 3/4" ID ELBOW TO NOZ: EX-100111/12
 END PREP: EX-100111/12
 3" RTD CAP: EX-100111/12

LOCATION: UNIT 2 CHT
 BLDG. LEVELS B
 AND C, AREA D

NOTES:
 1. SEE EX-100111 FOR ACTUAL WALL THICK.
 2. SEE EX-100111 FOR ACTUAL WALL THICK.
 3. SEE EX-100111 FOR ACTUAL WALL THICK.

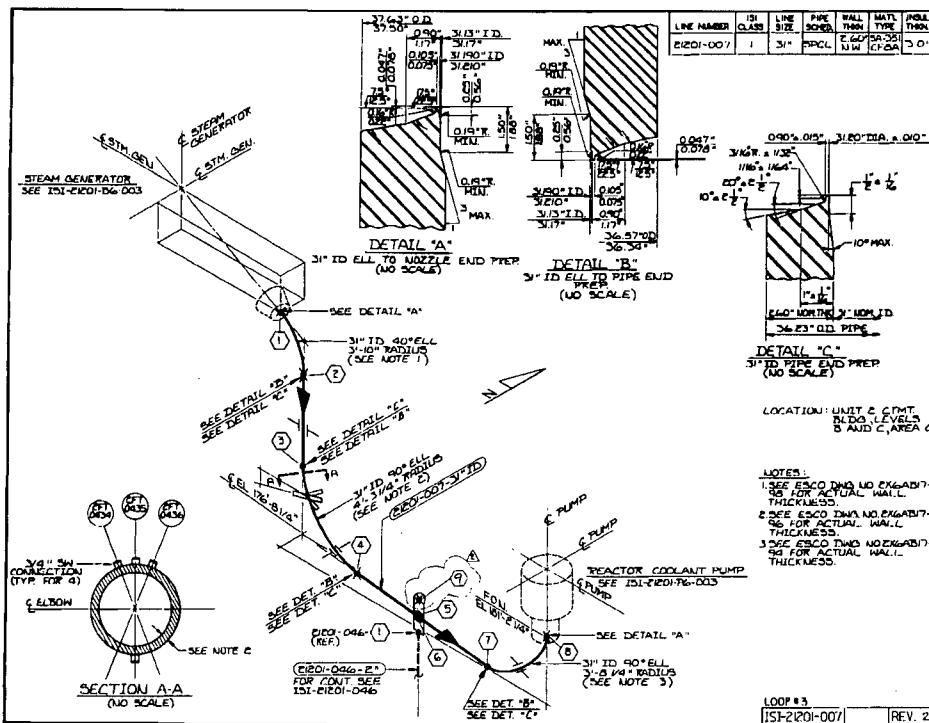
100P-2
 151-2201-006 REV. 2

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 006
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201

REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION
1	11/2/84	ISSUED FOR INSPECTION	2	11/2/84	ISSUED FOR INSPECTION	3	11/2/84	ISSUED FOR INSPECTION	4	11/2/84	ISSUED FOR INSPECTION

100-10212-151

SCALE: 1"=10'



REFERENCES:

P & I D ----- EX-68111
 PIPING AREA DWD ----- EX-68111/12
 TUBECO DWD ----- EX-68111/12
 CROSSOVER LEG ----- EX-68111-169,170
 3/4" LOW MEAS ----- EX-68111-13
 TAP CONJ ----- EX-68111-13
 1" DRAIN CONJ ----- EX-68111-13
 3" RTD CONJ ----- EX-68111-13
 3" PIPE END PREP ----- EX-68111-109
 ESCO DWD ----- EX-68111-109
 3" ID ELBOW TO ----- EX-68111-90
 3" ID ELBOW TO ----- EX-68111-90
 3" ID ELBOW TO ----- EX-68111-91
 3" RTD CAP ----- EX-68111-91

NOTES:
 1. SEE ESCO DWD NO EX-68111-109 FOR ACTUAL WALL THICKNESS.
 2. SEE ESCO DWD NO EX-68111-109 FOR ACTUAL WALL THICKNESS.
 3. SEE ESCO DWD NO EX-68111-109 FOR ACTUAL WALL THICKNESS.

LOOP 83
 151-2101-007 REV. 2

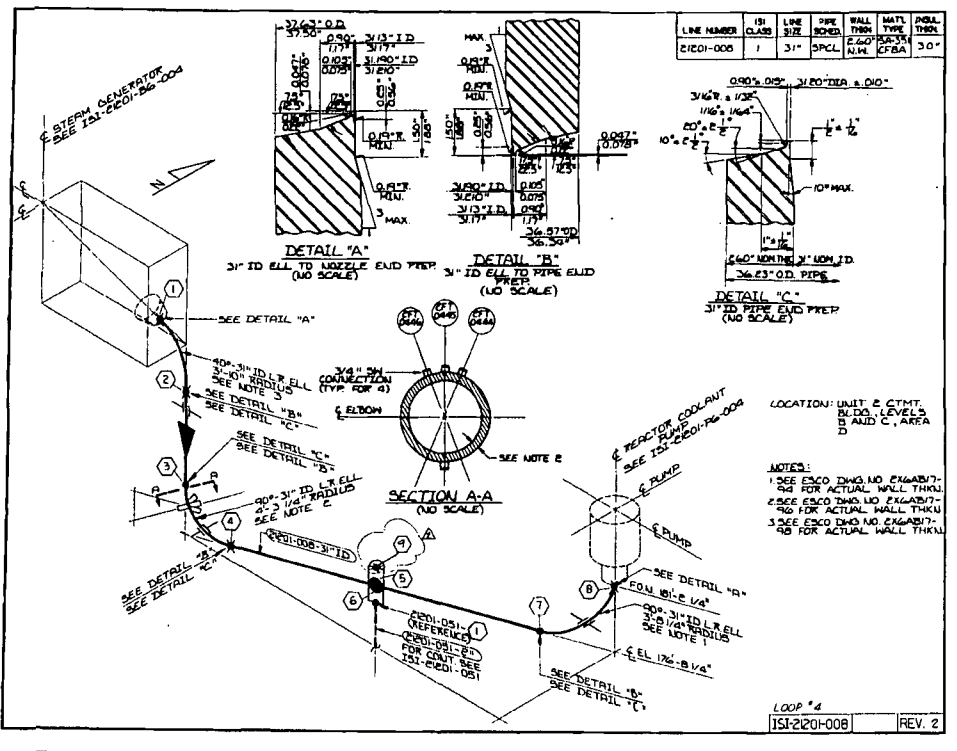
Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO 007
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201

REVISION (V) REVISION (R) REVISION (S)
 151-2101-007 2

800-0212-151

SCALE: 1/4" = 1'-0"



REFERENCES:

P&ID: EX-608/11
 PIPING AREA DWG: EX-608/17/12
 TUBECO DWGS: EX-608/17/12, 173
 CROSSOVER LEG: EX-608/17/12, 173
 3/4" FLOW MEAS: EX-608/17/12, 173
 TAP COUPL: EX-608/17/12, 173
 2" DRAIN CONN: EX-608/17/12, 173
 3" RTD CONN: EX-608/17/12, 173
 3" PIPE END PREP: EX-608/17/12, 173
 ESCO DWGS: EX-608/17/12, 173
 3" ID ELBOW TO PIPE END PREP: EX-608/17/12, 173
 3" ID ELBOW TO NOZ. END PREP: EX-608/17/12, 173
 WELDING: EX-608/17/12, 173
 WELD CAP: EX-608/17/12, 173

NOTES:
 1. SEE ESCO DWG NO. EX-608/17-90 FOR ACTUAL WALL THICKNESS.
 2. SEE ESCO DWG NO. EX-608/17-91 FOR ACTUAL WALL THICKNESS.
 3. SEE ESCO DWG NO. EX-608/17-92 FOR ACTUAL WALL THICKNESS.

LOOP 4
 ISI-2201-008 REV. 2

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 008
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT SYSTEM (RCS)

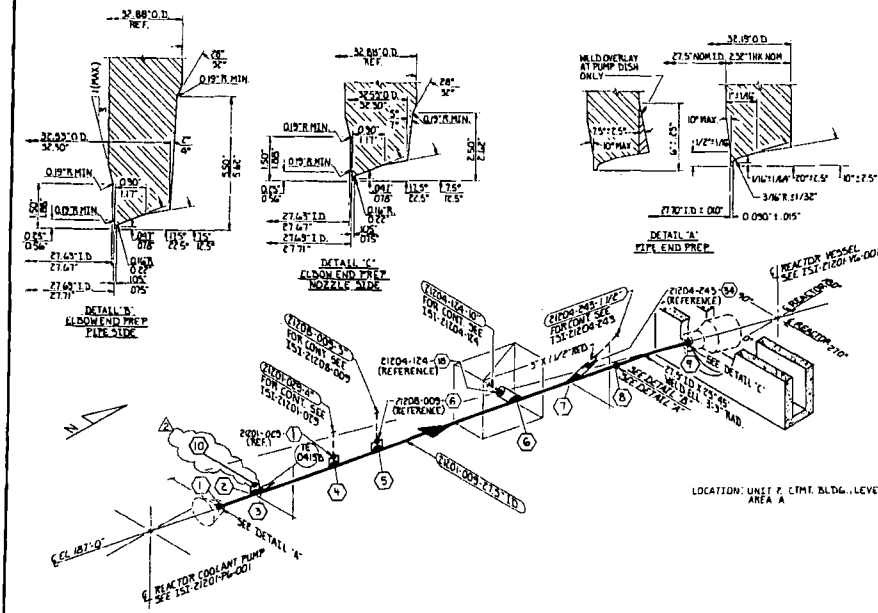
DRAWING NO. ISI-2201-008
 SHEET NO. 2

DATE	BY	CHKD	APP'D	REVISION	DESCRIPTION
5-18-92	ISI-2201-008	ISI-2201-008	ISI-2201-008	1	DELETED LINE 21201-114 FOR DCS # 11-VI-00008. ADDED 3" PIPE CAP (WELD) AND ADDED NEW REFERENCE DWG.
2-21-87	ISI-2201-008	ISI-2201-008	ISI-2201-008	2	REVISION 2
11-21-84	ISI-2201-008	ISI-2201-008	ISI-2201-008	3	ISSUED FOR INSPECTION

600-10212-151

SCALE: 1"=10'

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	INSUL THIN
21201-009	1	27.5" ID	3PCL	NOM	CFBA	5"



- REFERENCES:
- 21201-001
 - 21201-002
 - 21201-003
 - 21201-004
 - 21201-005
 - 21201-006
 - 21201-007
 - 21201-008
 - 21201-009
 - 21201-010
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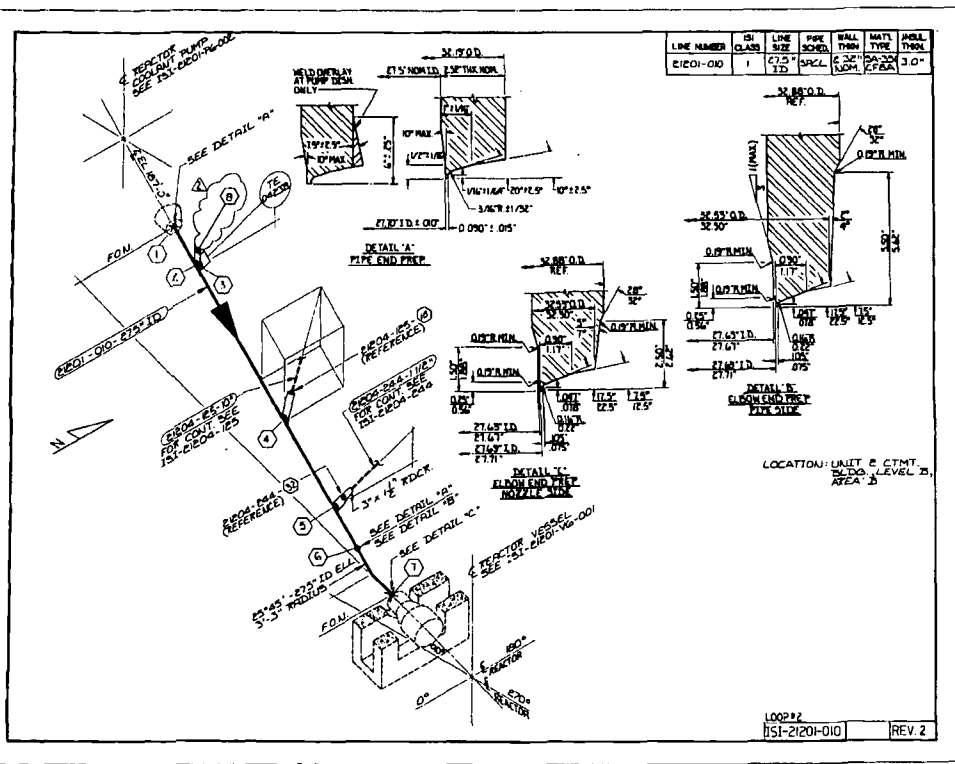
① Dwg. No. 21201-009
Rev. 2

LOOP #1
151-21201-009 REV 2

REVISION	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11-27-86				ISSUED FOR INSPECTION
2	11-27-86				GENERAL UPDATE
3	11-27-86				DELETED LINE 21201-025 PER DCP 91-020008 ADDED 2 THERMOWELL (WELD NO 10) ADDED NEW REF. DWG

Southern Company Services, Inc.	
Georgia Power Company	
VOGTE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 009 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
REVISION	DATE
1	11-27-86
2	11-27-86
3	11-27-86
4	11-27-86
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99	11-27-86
100	11-27-86

010-10212-151



LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WALL THICK
21201-010	1	12.5"	SPECL	0.375"	SA-304	0.375"

REFERENCES:

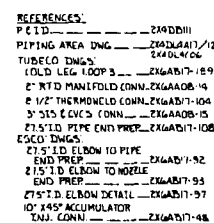
- PEID EX64DB111
- PIPING AREA DWG EX64DB111/11
- TUBESheet EX64DB111/11
- COLD LEG LOOP EX64DB111/11
- 2" STD MANIFOLD EX64DB111/11
- 2" THERMOWELL EX64DB111/11
- 3" BORON INJ COUPLER EX64DB111/11
- 2" ID PIPE END PREP EX64DB111/11
- 2" ID ELBOW TO PIPE END PREP EX64DB111/11
- 2" ID ELBOW TO COUPLER END PREP EX64DB111/11
- 2" ID ELBOW DET EX64DB111/11
- 2" ID ACCUMULATOR INJ COUPLER EX64DB111/11

ONE RCS COLD LEG THERMOWELL 102102 REV 2

100292
151-21201-010 REV 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO 010	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT-SYSTEM 1201	
DATE	11-21-86
BY	151-21201-010

DATE	BY	REVISION	DESCRIPTION
7-16-82		1	DELETED LINE 21201-020 PER DCP 4-1-82-0000 ADDED 2" THERMOWELL (WELD NO. 8) ADDED NEW REF DWG
2-21-87		2	GENERAL UPDATE
11-21-86		3	ISSUED FOR INSPECTION



LOCATION: UNIT 2 CTMT. BLDG., LEVEL B,
AREA C

LOOP#3		
IS1-21201-011		REV 2

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL TYPE	INSUL. THICK.
21201-011	1	275"ID	SPCL	2.52" NOM	SA-551 (FBA	3"

[illegible]



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TUBO DMS:
COLD LEAD-LOOP 4 PREP E6AB7-183
3" RTD MANIFOLD CONN. E6GA08-104
2 1/2" THERMOWELL CONN. E6GA07-104
3" SIS CYS & CHO PUMP CONN. E6GA08-105
4" PRESS. SPRAY CONN. E6GA08-15
2 1/2" ID PIPE END PREP E6AB7-108
ESCO DMS:
2 1/2" ID ELBOW TO PREP E6AB7-92
2 1/2" ID ELBOW TO NOZZLE END PREP E6AB7-93
2 1/2" ID ELBOW TO NOZZLE END PREP E6AB7-97
10" x 45" ACCUMULATOR INJ. CONN. E6AB7-98

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① DWG.
RCS COLD LEG THERMOWELL
9D21992 REV 2

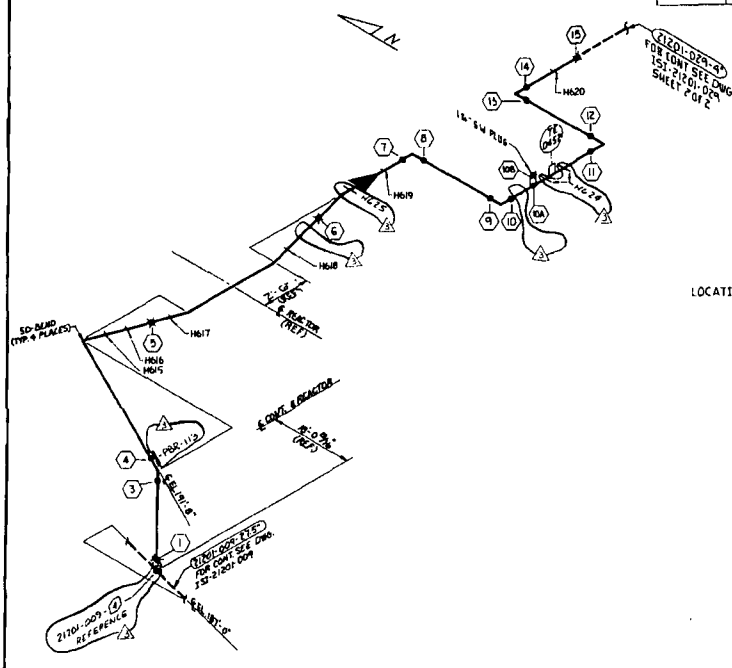
LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THK	MATL TYPE	INSUL THK
E1201-01E	1	27.5" 1 D	SPCL	2.32" NOM	SA 351 CEAA	30"

[illegible]

620-10212-151

SCALING BAR 1" = 10'

LINE NUMBER	1ST CLASS	LINE SIZE	PIPE SCHED	WALL THKN	MAT'L TYPE	INSUL TYPE	THKN
21201-029	1	4"	160	0.531	SA-312	TP-304	2.5"



LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL 'B' AREA D

REFERENCES

P & I.D. ----- 2X4DBH11 & H12
FAB ISO. ----- 2X4-1201-029-01
HANGER DET. DWG. ----- 12-21201-029-HA15, HA16, HA17, HA18, HA19, HA20, HA21 & HA22
F-SHEETS ----- F-12060, F-12061, F-12062, F-12063, F-12527

151-21201-029 SHEET 1 OF 2 REV. 3

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 029
INSERVICE INSPECTION ISOMETRIC
REACTOR COOLANT-SYSTEM 1201

DATE	BY	CHKD	APP'D	REVISION	DATE	BY	CHKD	APP'D	REVISION	DATE	BY	CHKD	APP'D	REVISION	DATE	BY	CHKD	APP'D	REVISION
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4
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				1	10-22-87				2	4-18-87				3	11-21-87				4
				1	10-22-87				2	4-18-87				3	11-21-87				4

REVISION	DATE	BY	CHKD	APP'D	REVISION	DATE	BY	CHKD	APP'D
1	10-22-87				2	4-18-87			
3	11-21-87				4				

NONE SHEET 1 OF 2 151-21201-029 3

620-10212-TS1

LINE NUMBER	CLASS	SIZE	PIPE SCHED	WALL THKN	MAT'L	INSUL THKN
21201-029	1	4"	160	0.531	SA-312	2.5"
21201-029	1	6"	160	0.719	SA-312	2.5"

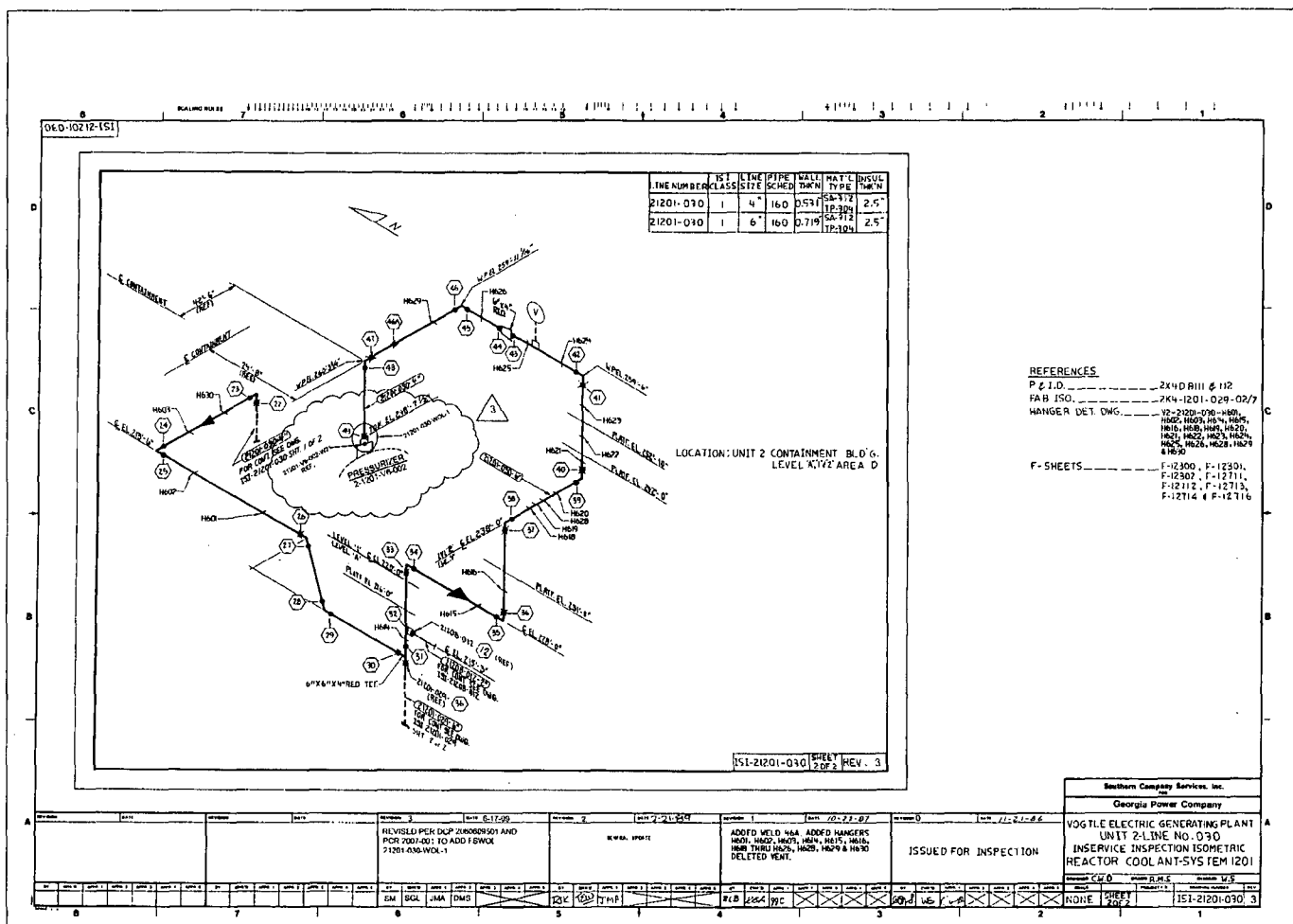
LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL A & B AREA D

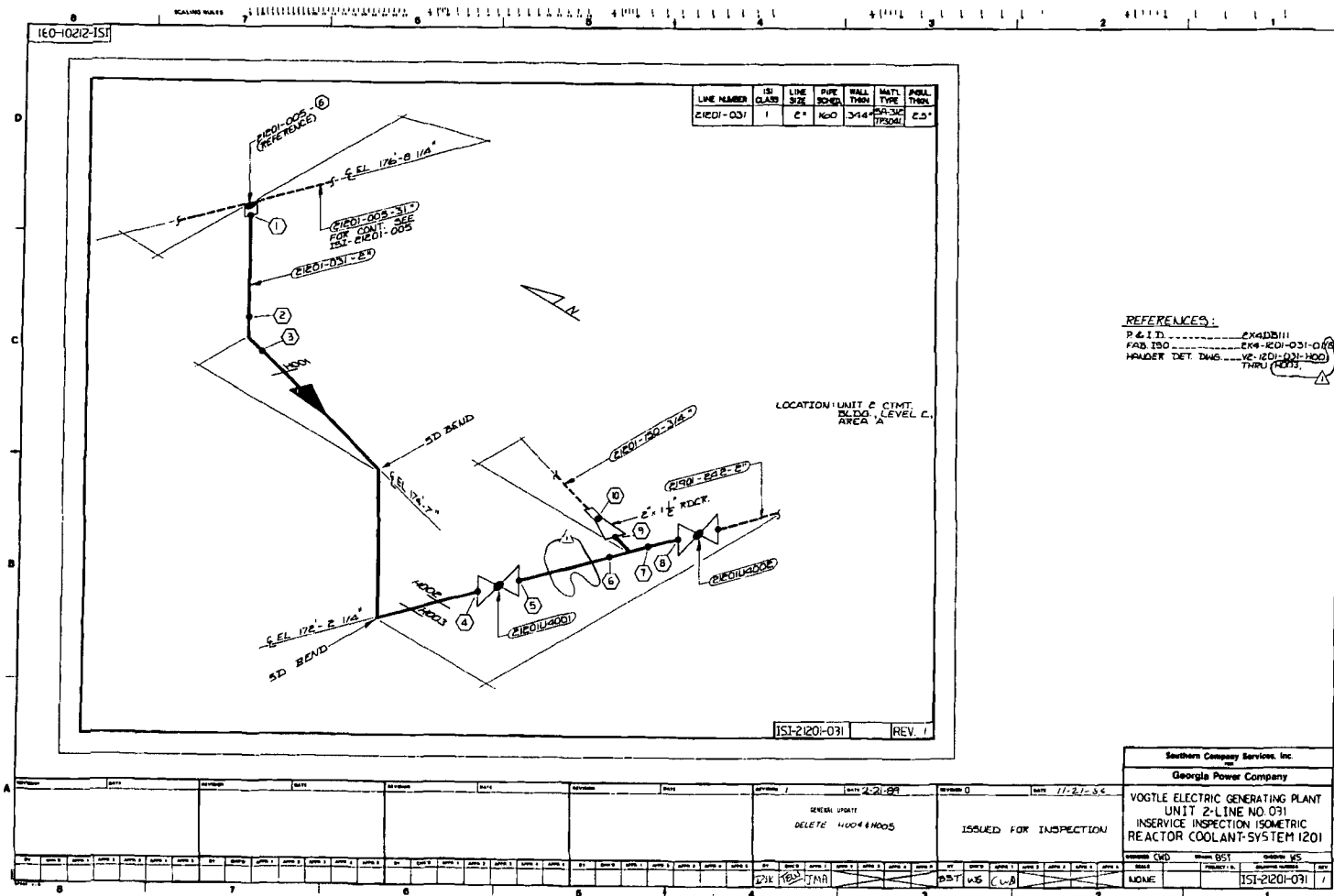
REFERENCES

P & I.D. ----- 2X4 DB III & II2
 FAB ISO. ----- 2K4-1201-029-027
 HANGER DET. DWG. ----- V2-1701-029-H602
 THRU H609, H670
 THRU H674
 F-SHEETS ----- F-12059, F-12296,
 F-12297, F-12298,
 F-12063

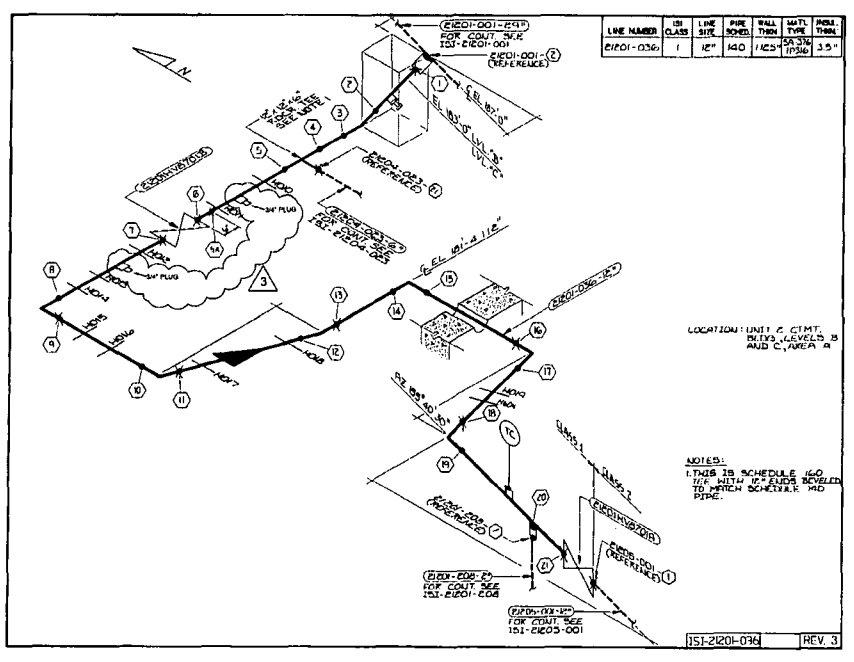
151-21201-029 SHEET
2062 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 029 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201	
DESIGNED C.W.D.	DRAWN R.M.S.
CHECKED V.S.	APPROVED V.S.
SHEET 2062	151-21201-029 7





960-10212-151



LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT. TYPE	INSUL. THICK.
2001-036	1	12"	40	1/25"	SA 312	1/2"

LOCATION: UNIT 2, CMT. BUILD. LEVELS B AND C, AREA A

NOTES:
1. THIS IS SCHEDULE 40 PIPE WITH 1/2" FLANGE BEVEL TO MATCH SCHEDULE 40 PIPE.

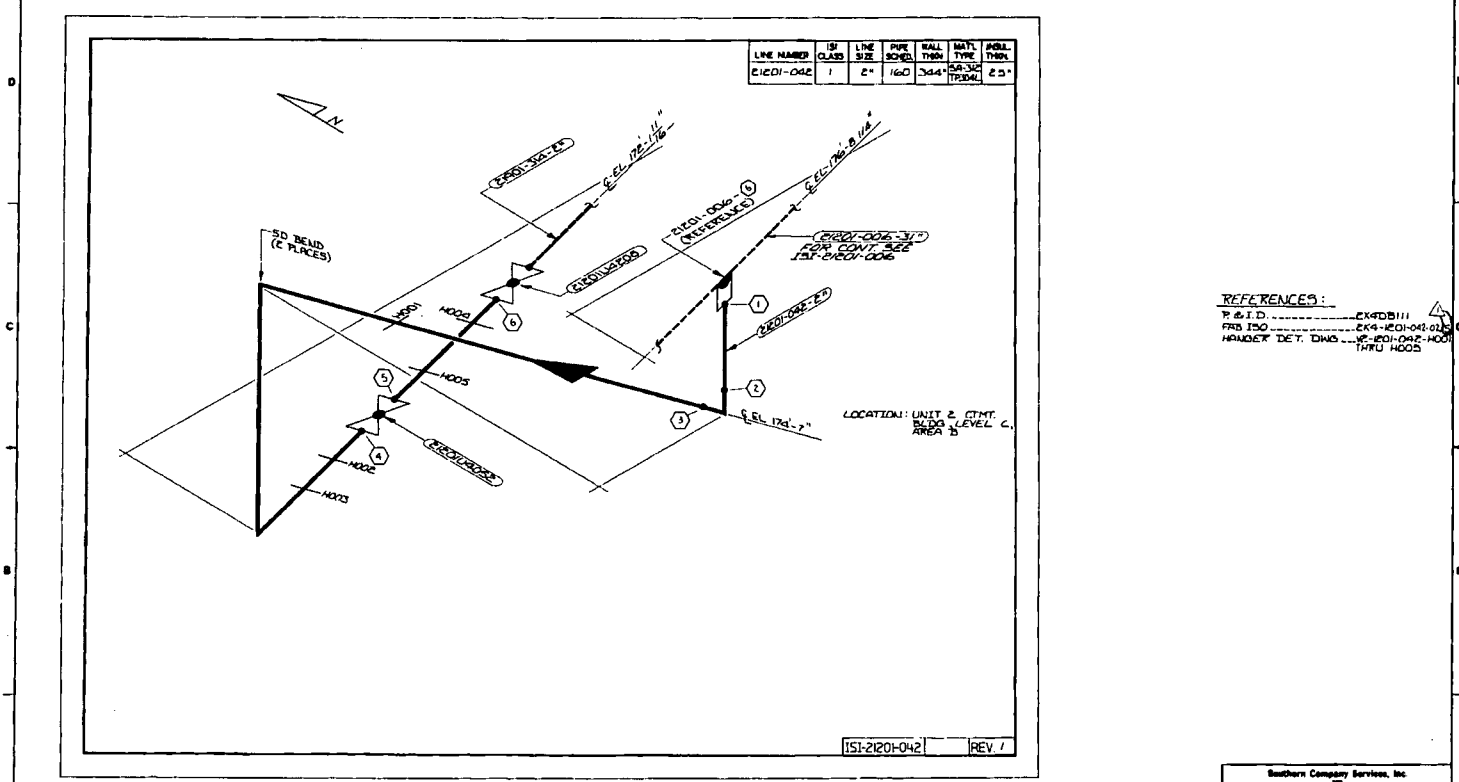
REFERENCES:

P&ID: P&ID 111, IEC
P&ID: P&ID 111, IEC
HAZOP DET. TAGS: 2001-036-120
P-SHEETS: P-121 THRU P-125

151-2120-036 REV. 3

Southern Company Services, Inc.
Georgia Power Company
VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO 036
INSERVICE INSPECTION ISOMETRIC
REACTOR COOLANT-SYSTEM (201)
DATE: 11-21-87
BY: JLS
CHECKED BY: JLS
APPROVED BY: JLS
151-2120-036 3

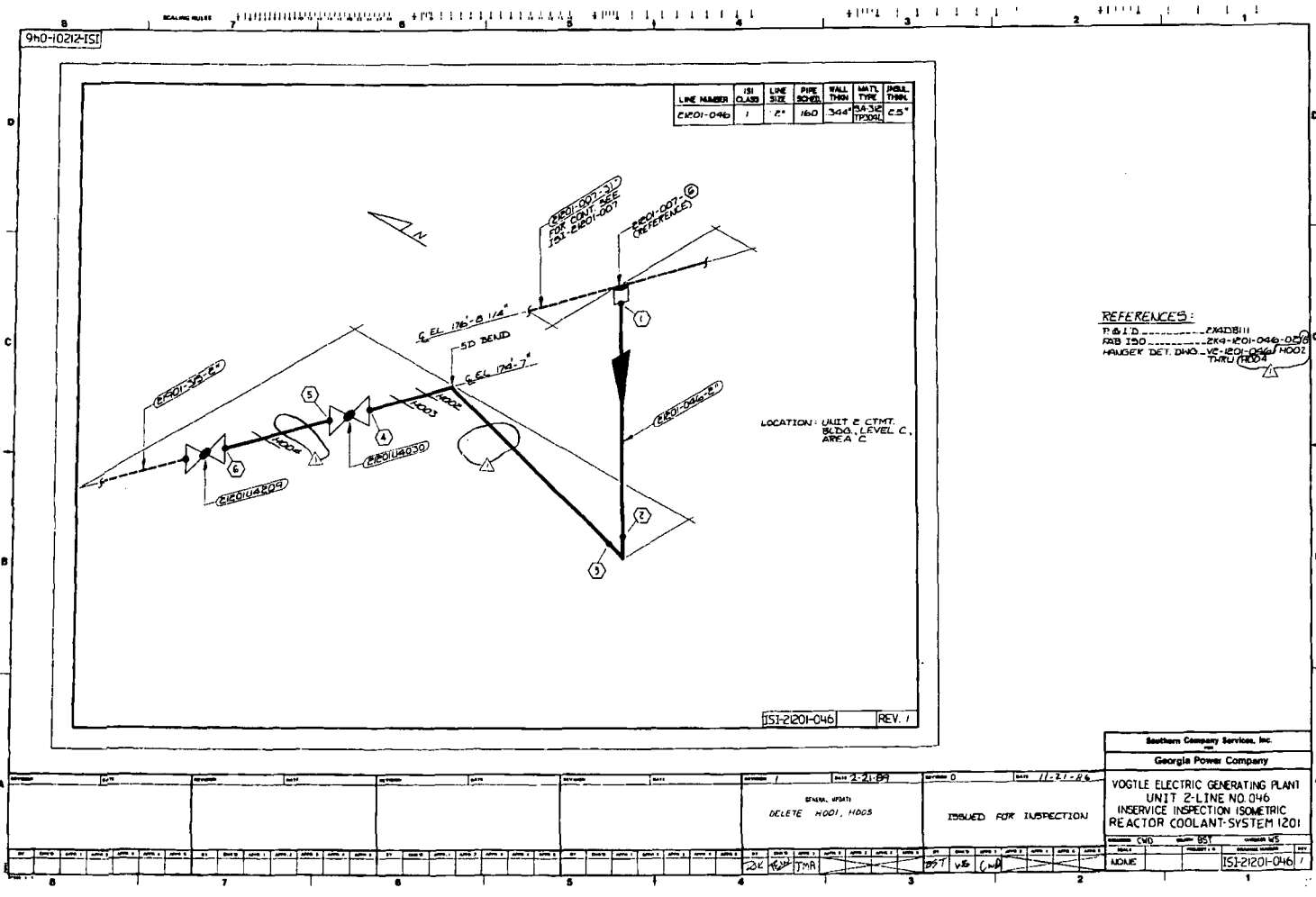
DATE	BY	REVISION	DESCRIPTION
11-21-87	JLS	1	ISSUED FOR INSPECTION
11-21-87	JLS	2	ADD B. WELD SA
11-21-87	JLS	3	ADD HANGER H604
11-21-87	JLS	4	REVISION 4
11-21-87	JLS	5	REVISION 5
11-21-87	JLS	6	REVISION 6
11-21-87	JLS	7	REVISION 7
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11-21-87	JLS	9	REVISION 9
11-21-87	JLS	10	REVISION 10
11-21-87	JLS	11	REVISION 11
11-21-87	JLS	12	REVISION 12
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11-21-87	JLS	16	REVISION 16
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11-21-87	JLS	100	REVISION 100



REFERENCES:
 P & ID: EK9-1201-041.01
 P&ID: EK9-1201-041.02
 HANDBY DET. DIMS: EK-201-042-1001
 TAPU H005

151-21201-042 REV. 1

Southern Company Services, Inc. Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 042 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM 1201									
GENERAL UPDATE ISSUED FOR INSPECTION									
DATE: 11-21-86 BY: JST CHECKED: JST APPROVED: JST									



LINE NUMBER	IS	LINE CLASS	PIPE SIZE	WALL THICK	MATL. TYPE	POL. THICK
E201-046	1	P	160	3/16	SA-312	0.031

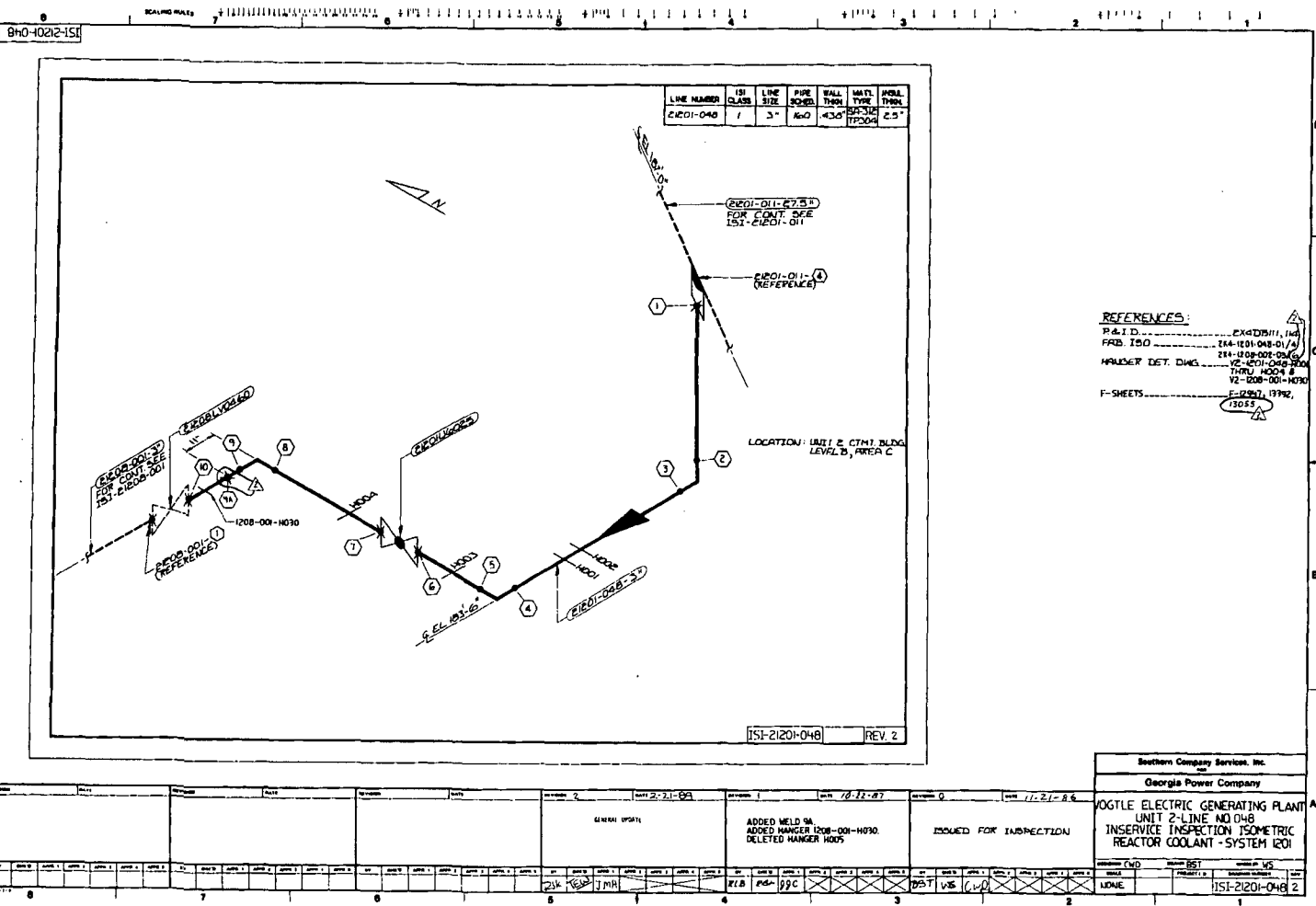
REFERENCES:
 P&ID - E201-046-001
 FAB ISO - E201-046-001
 HAUSER DET. DND - E201-046-001

LOCATION: UNIT 2 CTMT.
 BLDG., LEVEL C,
 AREA C

ISI-2120-046 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 046	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT-SYSTEM I201	
DATE	BY
DATE	BY
DATE	BY

REVISION	DATE	DESCRIPTION	BY	CHKD	APPD
1	2-21-89	STAMP, UPDATE DELETE H001, H005			
2	11-21-86	ISSUED FOR INSPECTION			

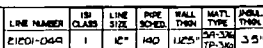


LINE NUMBER	ISI CLASS	LINE SIZE	PURE SCH.	WALL THICK.	MATL. TYPE	WALL THICK.
21201-048	1	3"	40	4.30	TP304	2.5"

REFERENCES:
 P&ID: EX-101-048-01/1
 FPD: ISO
 HANGER DET. DIMS: EX-101-048-01/2
 F-SHEETS: F-101-048-01/1, 1992, 13015

ISI-2120-048 REV. 2

Southern Company Services, Inc.	
Georgia Power Company	
ROGUE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 048	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT - SYSTEM 1201	
INSPECTOR: CND	DATE: 11-21-86
REVISION: 1	DESCRIPTION: 1. 208-001-H030 (hanger) DELETED
REVISION: 2	DESCRIPTION: 2. 208-001-H030 (hanger) DELETED
REVISION: 3	DESCRIPTION: 3. 208-001-H030 (hanger) DELETED
REVISION: 4	DESCRIPTION: 4. 208-001-H030 (hanger) DELETED
REVISION: 5	DESCRIPTION: 5. 208-001-H030 (hanger) DELETED
REVISION: 6	DESCRIPTION: 6. 208-001-H030 (hanger) DELETED
REVISION: 7	DESCRIPTION: 7. 208-001-H030 (hanger) DELETED
REVISION: 8	DESCRIPTION: 8. 208-001-H030 (hanger) DELETED
REVISION: 9	DESCRIPTION: 9. 208-001-H030 (hanger) DELETED
REVISION: 10	DESCRIPTION: 10. 208-001-H030 (hanger) DELETED
REVISION: 11	DESCRIPTION: 11. 208-001-H030 (hanger) DELETED
REVISION: 12	DESCRIPTION: 12. 208-001-H030 (hanger) DELETED
REVISION: 13	DESCRIPTION: 13. 208-001-H030 (hanger) DELETED
REVISION: 14	DESCRIPTION: 14. 208-001-H030 (hanger) DELETED
REVISION: 15	DESCRIPTION: 15. 208-001-H030 (hanger) DELETED
REVISION: 16	DESCRIPTION: 16. 208-001-H030 (hanger) DELETED
REVISION: 17	DESCRIPTION: 17. 208-001-H030 (hanger) DELETED
REVISION: 18	DESCRIPTION: 18. 208-001-H030 (hanger) DELETED
REVISION: 19	DESCRIPTION: 19. 208-001-H030 (hanger) DELETED
REVISION: 20	DESCRIPTION: 20. 208-001-H030 (hanger) DELETED

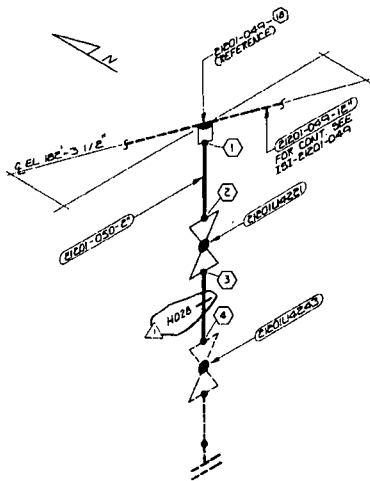


P&I.D.-----2K4DB111,122
FAB ISO-----2K4-1201-049-05
HANGER DET. DWG. VP-1201-049-104
F-SHEETS-----F-10752 THRU
F-10757

NOTES:
1. THIS IS SCHEDULE 160
TEE WITH ENDS BEVELED
TO MATCH SCHEDULE 160
PIPE.

[illegible]

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THICK	MATL TYPE	ANAL THICK
21201-050	1	E	160	3.44	SA-312 T304L	2.5"



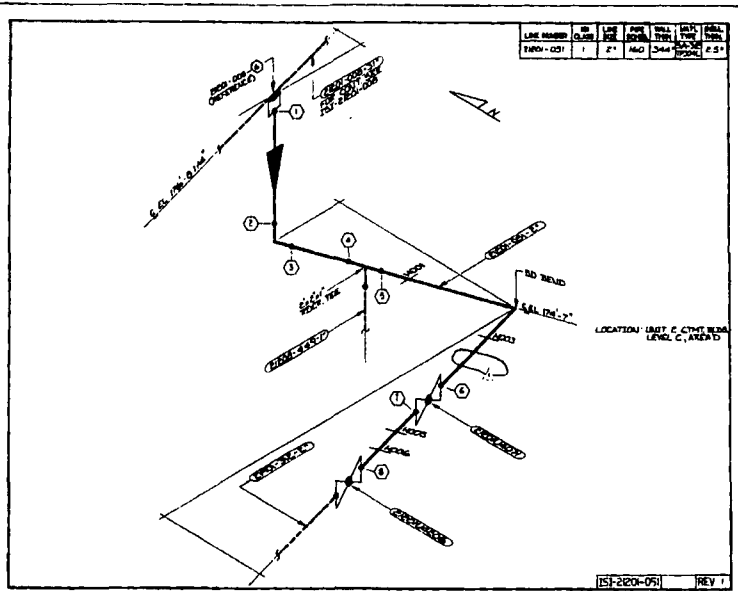
LOCATION: UNIT 2, CTMT.
BLDG LEVEL C,
AREA 10

REFERENCES:
P&ID: 21201-050
FIB: 150
HANGER DETAIL DWG: 151-201-049-1028

151-21201-050 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO 050	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT-SYSTEM 1201	
REVISION	DATE
1	11/2/84
2	11/2/84
3	11/2/84
4	11/2/84
5	11/2/84
6	11/2/84
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99	11/2/84
100	11/2/84

NO-1022-051



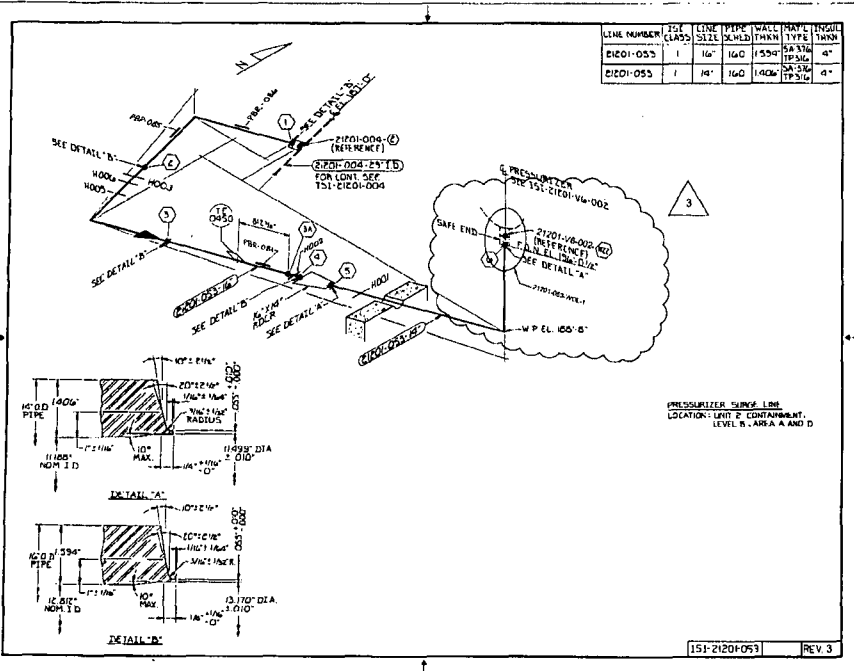
REFERENCES:

P&ID - 1000-001
 P&ID - 1000-002
 HAUGSET DET DET-1000-001

Revision History											
NO.	DATE	DESCRIPTION	BY	CHKD	APP'D	REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/1/80	ISSUED FOR INSPECTION	W. J. W.			1	10/1/80	ISSUED FOR INSPECTION	W. J. W.		

Boatwright Company Services, Inc.
 Georgia Power Company
 KNOTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO 051
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT SYSTEM (RCS)

650-40212-151



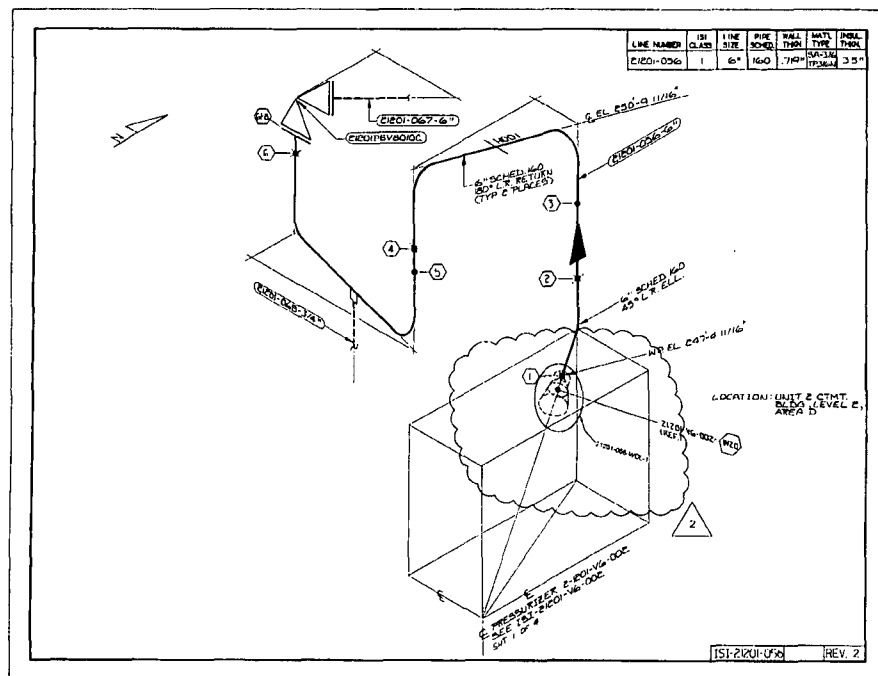
REFERENCES:
P-21201-053
PIPING LAYOUT DWG. 21201-053
HANGER DETAIL DWG. 21201-053
TUBO DWG. 21201-053
PITTING DWG. 21201-053

PRESSURIZER SURVEY LINE
LOCATION: UNIT 2 CONTAINMENT
LEVEL B, AREA A AND D

DATE	BY	CHKD	APP'D	REVISION	DESCRIPTION
11-22-87	11-22-87	11-22-87	11-22-87	1	ISSUED FOR INSPECTION
11-22-87	11-22-87	11-22-87	11-22-87	2	ADDED WELD 3A DELETED HANGERS H003 & H004
11-22-87	11-22-87	11-22-87	11-22-87	3	REVISOR PER LCP 7000000001 AND PCR 2001-001 TO ADD FSWOL 21201-053-WOL-1.
11-22-87	11-22-87	11-22-87	11-22-87	4	GENERAL UTILITY ADD PBR-051, 052, 053 & H003
11-22-87	11-22-87	11-22-87	11-22-87	5	REVISOR PER LCP 7000000001 AND PCR 2001-001 TO ADD FSWOL 21201-053-WOL-1.

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 053 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT-SYSTEM (201)	
DATE	11-22-87
BY	11-22-87
CHKD	11-22-87
APP'D	11-22-87
REVISION	11-22-87
DESCRIPTION	11-22-87
1	ISSUED FOR INSPECTION
2	ADDED WELD 3A DELETED HANGERS H003 & H004
3	REVISOR PER LCP 7000000001 AND PCR 2001-001 TO ADD FSWOL 21201-053-WOL-1.
4	GENERAL UTILITY ADD PBR-051, 052, 053 & H003
5	REVISOR PER LCP 7000000001 AND PCR 2001-001 TO ADD FSWOL 21201-053-WOL-1.

950-10212-15



LINE NUMBER	CLASS	SIZE	SCHED	THICK	MATL	WALL THICK
21201-056	1	6"	160	7/16"	SA-134	3.5"

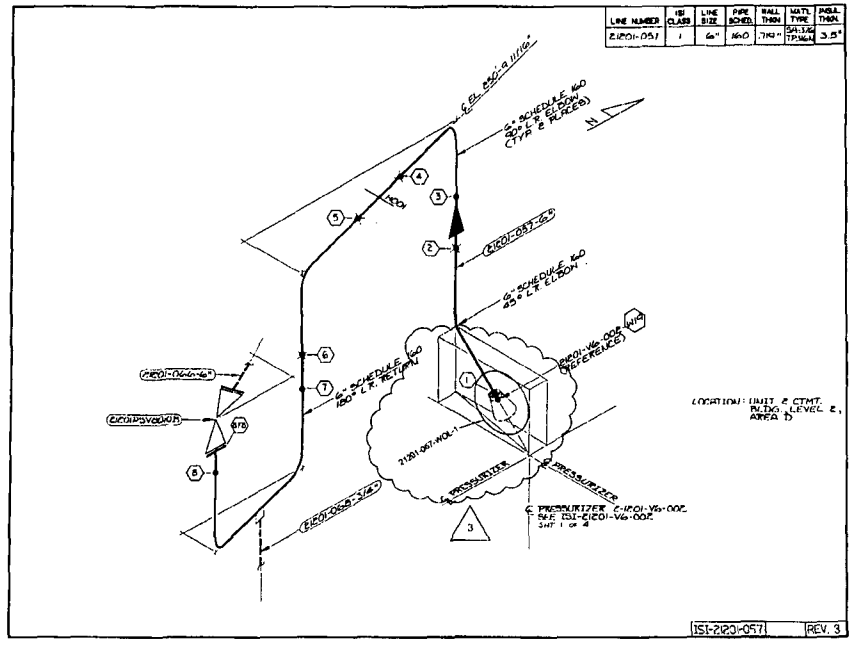
REFERENCES:
 P & ID: 21201-056
 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT SYSTEM (RCS)
 135, 136, 137

ISI-2001-056 REV. 2

REVISION 2				REVISION 1				REVISION 0			
REVISED PER CIP 200008301 AND PCR 2007-001 TO ADD F SWOL 21201-056-WOL-1.				GENERAL UPDATE				ISSUED FOR INSPECTION			
BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
SM	SQL	JMA	(MMS)	21201-056	17MAR	21201-056	17MAR	21201-056	17MAR	21201-056	17MAR
NAME	DATE	NAME	DATE	NAME	DATE	NAME	DATE	NAME	DATE	NAME	DATE

Southern Company Services, Inc.
 Georgia Power Company
 VOGUE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO 056
 INSERVICE INSPECTION ISOMETRIC REACTOR COOLANT SYSTEM (RCS)
 135, 136, 137
 ISI-2001-056 2

150-00212-151



REFERENCES:
 P.C.D. ----- EXHIBIT
 MATERIALS SPEC. ----- EXHIBIT
 INSERVICE SAFETY ----- EXHIBIT
 2. SUPPORTS ----- EXHIBIT
 INSTALLATION DWG. ----- EXHIBIT

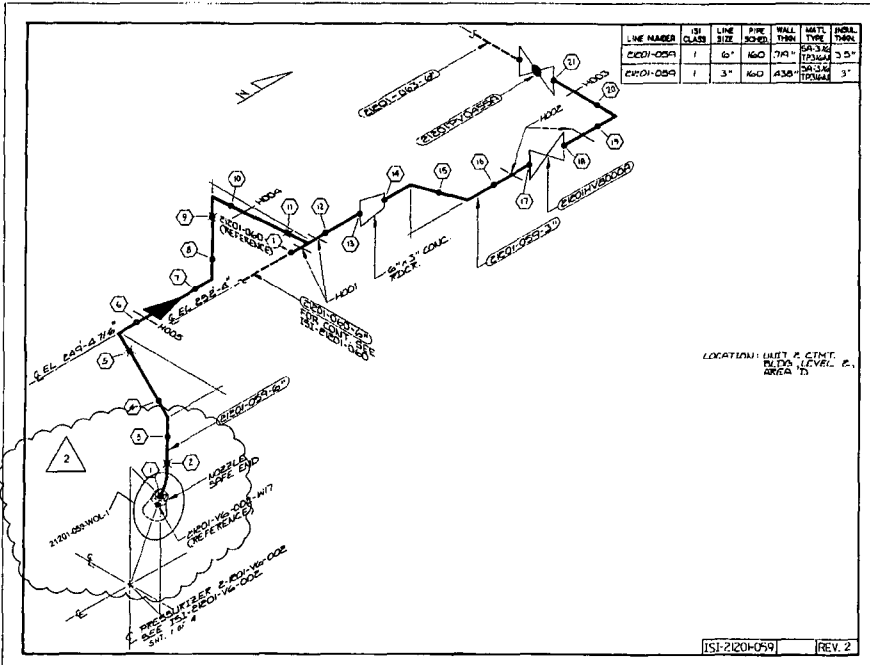
LOCATION: UNIT 2 CTMT. PLANT, LEVEL 2, AREA 1

151-2101-057 REV. 3

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 057	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT SYSTEM (RCS)	
DATE	151-2101-057 3

REVISION	DATE	DESCRIPTION	BY	CHKD.	APP'D.
1	6-17-82	REVISED PER DCS 200600501 AND PCH 2007-001 TO ADD FSWOK 2101-057-WOK-1.	SM	SCL	JAA
2	6-17-82	REVISION 2	SM	SCL	JAA
3	6-17-82	REVISION 3	SM	SCL	JAA
4	6-17-82	REVISION 4	SM	SCL	JAA
5	6-17-82	REVISION 5	SM	SCL	JAA
6	6-17-82	REVISION 6	SM	SCL	JAA
7	6-17-82	REVISION 7	SM	SCL	JAA
8	6-17-82	REVISION 8	SM	SCL	JAA
9	6-17-82	REVISION 9	SM	SCL	JAA
10	6-17-82	REVISION 10	SM	SCL	JAA
11	6-17-82	REVISION 11	SM	SCL	JAA
12	6-17-82	REVISION 12	SM	SCL	JAA
13	6-17-82	REVISION 13	SM	SCL	JAA
14	6-17-82	REVISION 14	SM	SCL	JAA
15	6-17-82	REVISION 15	SM	SCL	JAA
16	6-17-82	REVISION 16	SM	SCL	JAA
17	6-17-82	REVISION 17	SM	SCL	JAA
18	6-17-82	REVISION 18	SM	SCL	JAA
19	6-17-82	REVISION 19	SM	SCL	JAA
20	6-17-82	REVISION 20	SM	SCL	JAA

650-10212-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. TYPE
6501-059	1	6"	40	7/16"	SA-312	3 D"
6501-059	1	3"	40	1/8"	SA-312	3"

LOCATION: UNIT 2, CHMT. PLANT LEVEL 2, AREA 7D

REFERENCES:
 P&ID: 6501-059
 WESTINGHOUSE DATA: 2X4DL402/7
 & RELATE REL. PIPING
 & SUPPORTS: 155, 156, 157

ISI-2120-059 REV. 2

REVISION	DATE	DESCRIPTION	BY	CHKD.	APP'D.	REVISION	DATE	DESCRIPTION	BY	CHKD.	APP'D.
1	8-17-00	REVISED PER DCP 206309001 AND PCH 2007-001 TO ADD PSWOL	DM	SGC	JNA	2	2-21-83	ISSUED FOR INSPECTION	DM	SGC	JNA

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO 059
 INSERVICE INSPECTION ISOMETRIC
 REACTOR COOLANT-SYSTEM 1201

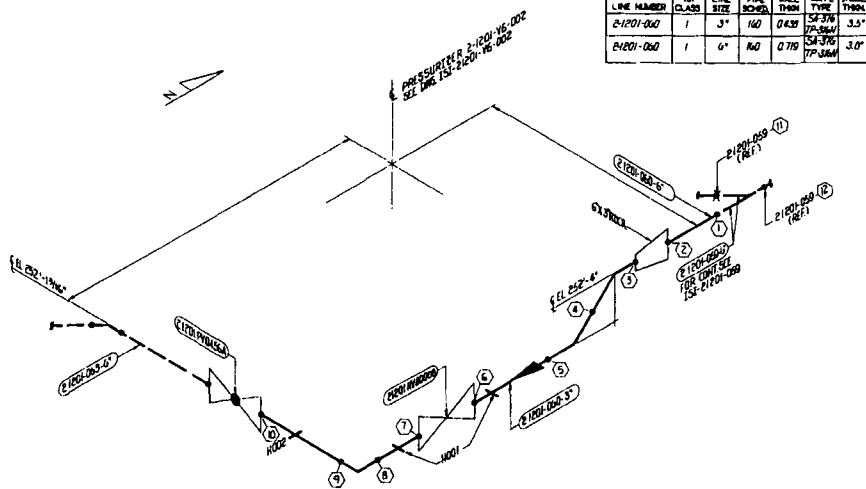
INSPECTOR: CML
 DATE: 11-1-84
 CHECKED: JNA
 DATE: 11-1-84
 APPROVED: JNA
 DATE: 11-1-84

NO. 151-2120-059 2

000-10212-TS1

SCALING RATES

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THICK	MATL TYPE	PSAL THICK
2-1201-000	1	3"	140	0.439	SA-379	3.5"
2-1201-000	1	6"	140	0.719	SA-379	3.0"



LOCATION: UNIT 2 CONT BLDG.
LEVEL 2
AREA D

ISI-21201-000 REV D

REFERENCES:

P&ID - 21201/12
PIPING LAYOUT DWG - 21201/12
NOTES: DOW
PRESSURIZER SAFETY
ISOLATION VALVE
PIPING & SUPPORTS - 21201/12, 13, 14, 15, 16, 17, 18, 19, 20

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO 060
INSERVICE INSPECTION ISOMETRIC
REACTOR COOLANT-SYSTEM 1201

ISSUED FOR INSPECTION

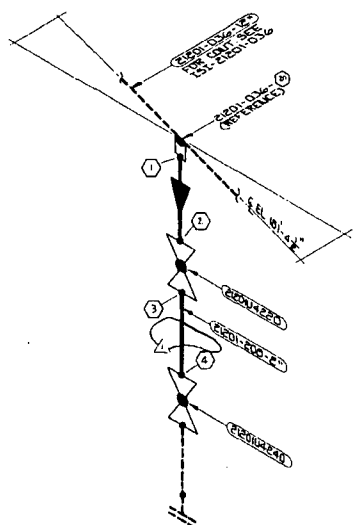
DATE: 12/1/80 BY: JLS
CHECKED: VJS
APPROVED: JLS

ISI-21201-000

802-10212-151

SCALING RULES

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCH.	WALL THIN.	MATL. TYPE	INSUL. THIN.
21201-208	1	2"	160	364	SA-36 TP304L	2.5"



LOCATION: UNIT 2 CTMT.
BUILDING LEVEL C,
AREA 11

REFERENCES:

P&ID - 244DB12.2
FAB. ISO - 244-1201-036-01
HANDER DET. DWG. NONE

ISI-21201-208 REV. 1

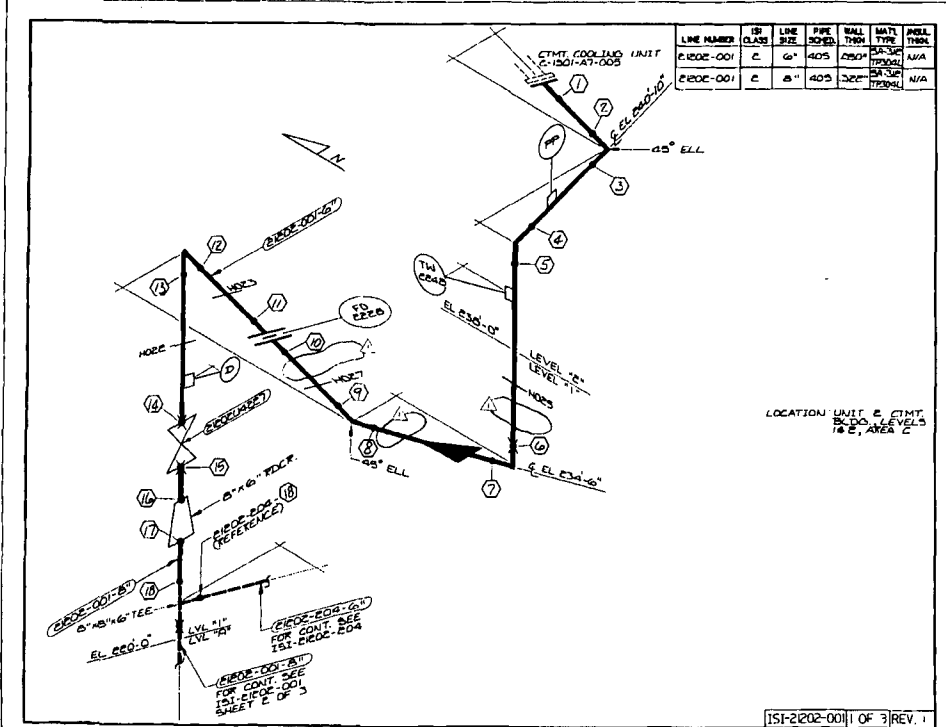
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 208	
INSERVICE INSPECTION ISOMETRIC	
REACTOR COOLANT SYSTEM (RCS)	
REVISION (NO)	DATE
1	11-21-86
2	11-21-86
3	11-21-86
4	11-21-86
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100	11-21-86

REVISIONS
DELETE MOD 1

ISSUED FOR INSPECTION

151-21201-208 1

100-20202-151



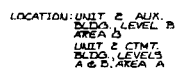
LINE NUMBER	IS	LINE CLASS	PIPE SIZE	PIPE SCHED.	BALL THIN	MATL TYPE	WELL TYPE
21002-001	C		6"	40S	250	SA-304	N/A
21002-001	C		8"	40S	200	SA-304	N/A

LOCATION: UNIT 2 CTMT, EL. 230'-0", LEVEL 1, AREA C

REFERENCES:
 P & ID: 21002-001
 PAD: ISO
 HAUSER DET. DWG. NO. 21002-001-H02
 F-SHEETS: 151-20202-001 THRU 151-20202-003

151-20202-001 1 OF 3 REV. 1

Southern Company Services, Inc. Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT UNIT 2, LINE NO. 001 INSERVICE INSPECTION ISOMETRIC NSC W-SYSTEM 1202									
DESIGNED BY: [Signature] CHECKED BY: [Signature] ISSUED FOR INSPECTION									
DATE: 11-22-86 SCALE: 1" = 10'-0"									
151-20202-001 1									



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THIN	MATL TYPE	INSUL THIN
P1005-001	C	8"	40S	3/32"	SA-312 304	N/A

P&I.D.-----2K4DB/35-1 17
FAB. 150-----2K3-1E02-00100
-----2K4-1E02-001015
-----2K4-1E02-001016
HANDER DET. DWG-----VE-1E02-002-000
-----VE-1E02-001-0003
-----H004, H003, H008
-----H009
F-SHEETS-----F-374-B, E531
-----THRU 12534,
-----13315

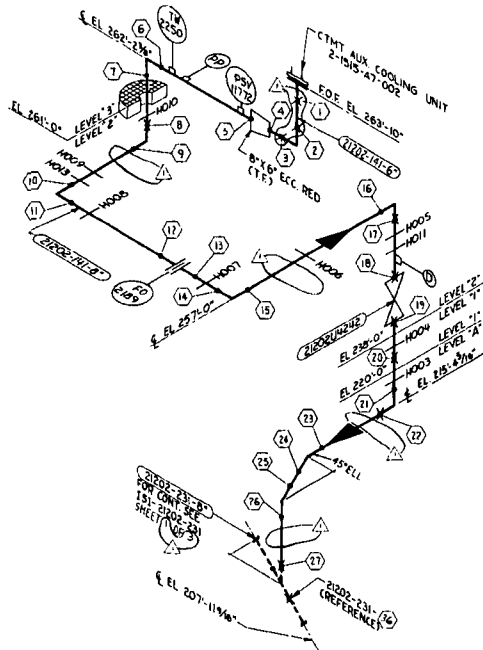
\ISI-21202-0013 OF 31REV.

[illegible]

ISI-20212-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
21202-141	2	8"	40S	.322	SA-312 TP304L	N/A
21202-141	2	6"	40S	.280	SA-312 TP304L	N/A



LOCATION: UNIT 2 CMT BLDG.
AREA C, LEVEL A,
1, 2, & 3

ISI-21202-141 REV. 1

REFERENCES:

P & ID..... 2K4DB195-2
FAB ISO..... 2K4-1202-141-01/9
HANGER DETAIL DWG V2-1202-141/6009/1
F-SHEETS..... F-1316, F-1317,
F-13049 THRU
F-13053

Southern Company Services, Inc.
Georgia Power Company

ISSUED FOR INSPECTION

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2- LINE NO 141
INSERVICE INSPECTION ISOMETRIC
NSCW-SYSTEM 1202

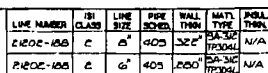
REVISION: CWD
GPP
NONE
ISI-21202-141



REFERENCE
R.G.I.D.-----2X4DB35-1
FAB 150-----2K3-1202-187-01/64
 2K4-1202-188-01/10
HANGER DET. DWG-----VE-1202-18A-M001
 THRU M003, M006
 M020
F-SHEETS-----F-2273, 11864,
 F011, F535

LOCATION: UNIT 2 CTM1.
BLDG. LEVELS B
AND C, AREA A
UNIT 2 AUX.
BLDG. LEVEL B,
AREA B

[illegible]



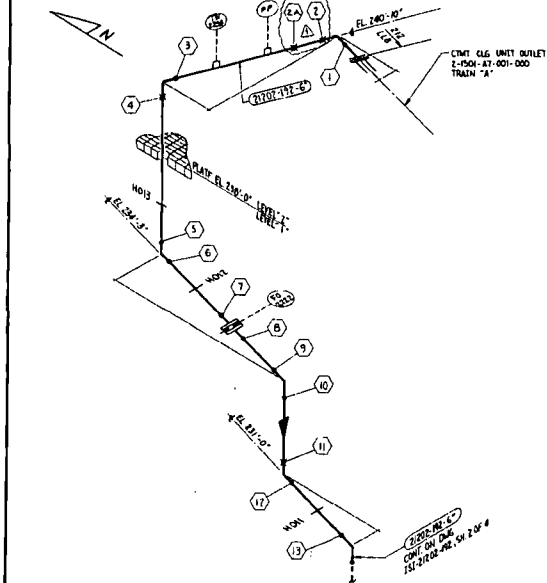
P&ID ----- EX4DB35-1
 P&ID 150 ----- EX4-100-188-03
 HANGER DET. DNG ----- VE-100-100-MORE
 THRU 400-MORE
 THRU 400-MORE
 F-SHEETS ----- F-DWG THRU 13189
 13162 THRU 13366

LOCATION: UNIT 2 CTMT.
BLDG, LEVELS A
1 AND 2, AREA A

ISI-21202-188 | 2 OF 2 | REV. 3

George F. Warr Company											
PERSON		DATE		PERSON		DATE		PERSON		DATE	
				PERSON 3		DATE 6-14-88		PERSON 2		DATE 6-22-88	
REMOVED HANGER HO19 PER PARA. 76-003				ADDED WELOS 33A, 188 & 4EA DELETED HARDER HO 188 & HO26 REVISED REFERENCES				REMOVED WELD 14 (TEMP)		ISSUED FOR INSPECTION	
VOGLTE ELECTRIC GENERATING PLANT UNIT 2- LINE NO. 188 INSERVICE INSPECTION ISOMETRIC NCSW-SYSTEM 1202											
PERSON		DATE		PERSON		DATE		PERSON		DATE	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
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CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87		CWD		8-2-87		CWD		8-2-87	
NCSW		8-2-87		NCSW		8-2-87		NCSW		8-2-87	
CWD		8-2-87									

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
21202-192	2	6"	40S	3/8"	SA-312 TP 304L	N/A



LOCATION: UNIT 2 CTMT BLDG.
LEVEL 112, AREA A

REFERENCES
P & ID: 2140035-1
FAB ISO: 2140-222-192-04
HANGER DET DWG: 12-1022-192-M01 TRMU 1013
F-SHEETS: F-13373, F-13374, F-13375, F-13372

251-21202-192 1 OF 4 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO 192	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
PROJECT: K10	ISSUED: 11-23-86
DATE: 6-28-86	ISSUED FOR INSPECTION
ADD'D WELD 2A & REVISED WELD 2 & REFERENCES	
1 OF 4	151-21202-192

24-20202-151

SCALING RULES

LINE NUMBER	LINE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	JOINT TYPE
1202 - 192	2	8"	40S	3/32	SA-312	19-304

LOCATION: UNIT 2 CIVIL BLDG
AREA A, LEVEL A & B/C

REFERENCES:

PRD: 24408135-1
FAB ISO: 244-1202-192-02 & 04 CREV
HANGER DET. DWG: 12-1202-192-H002 THRU H005
F-SHEETS: F-12534, F-12537 & F-13190

121-21202-192 3 OF 4 REV. 1

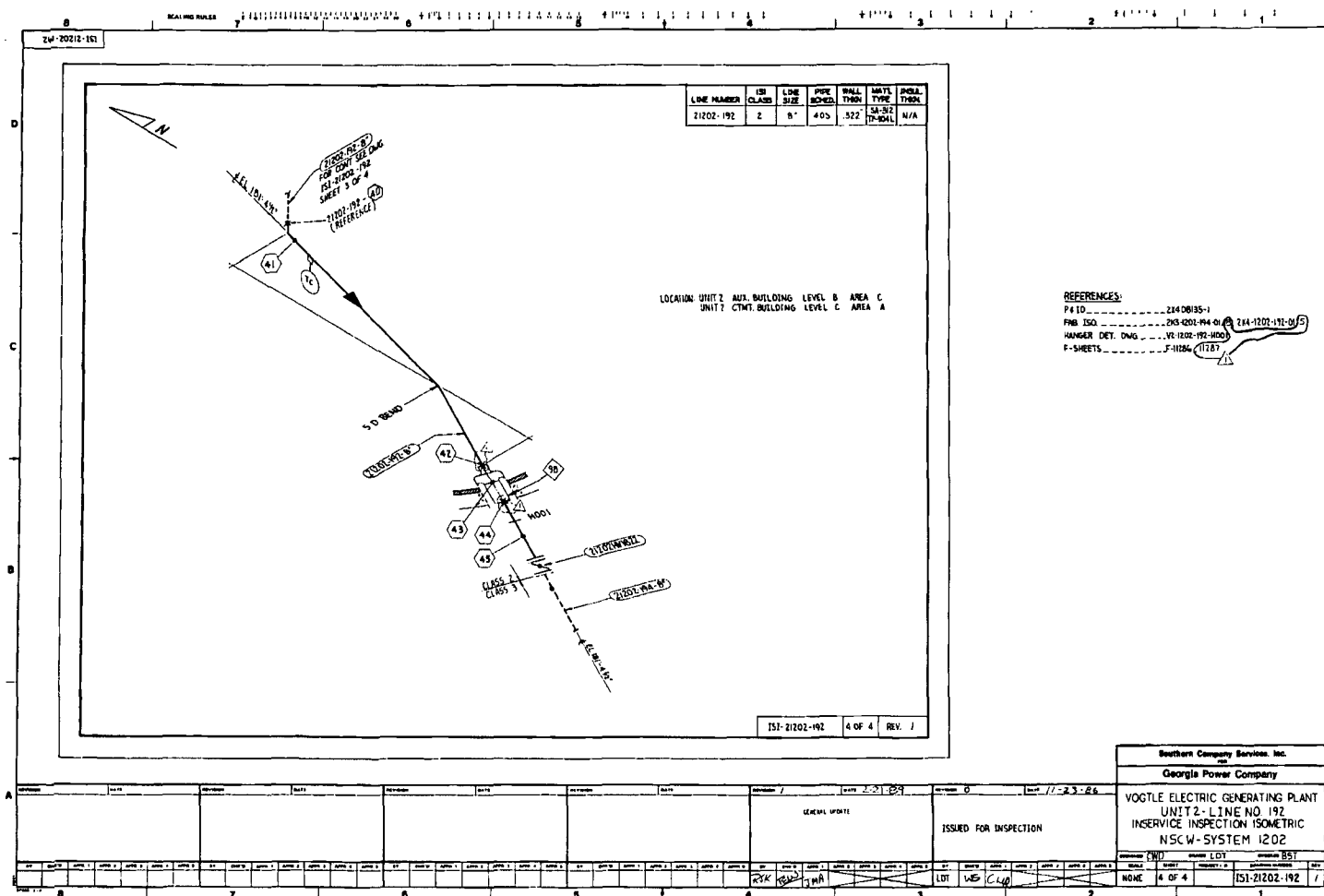
Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2 - LINE NO. 192
INSERVICE INSPECTION ISOMETRIC
NSCW-SYSTEM 1202

ISSUED FOR INSPECTION

REVISION: CND
DATE: 1/1/81
BY: JST
CHECKED: JMA
DATE: 1/1/81
BY: JST
LOT: 48

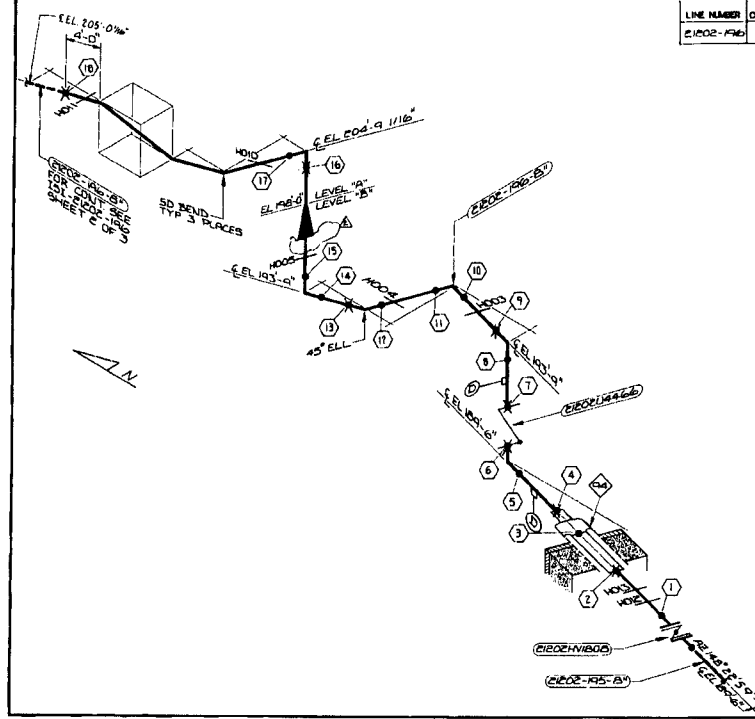
NONE 3 OF 4 151-21202-192 1



961-20212-TS1

SCALING RULES

LINE NUMBER	CLASS	LINE SIZE	PUR. SIZE	BALL THIN	WALL TYPE	NO. OF THIN
21002-196	C	3"	403	3/8"	17304	N/A



LOCATION: UNIT 2 AUX.
P.L.D. LEVEL 2,
AREA 0
UNIT 2 STMT
B.L.D. LEVEL 2,
AREA 0, AREA
A

TS1-21202-196 1 OF 3 REV. 2

REFERENCES:

EXHIBIT 35-1
P. & I.D. ----- EXHIBIT 35-1
FAB. ISO ----- EXHIBIT 35-1
HANGER DET. DWG. ----- EXHIBIT 35-1
F-SHEETS ----- EXHIBIT 35-1

Southern Company Services, Inc.

Georgia Power Company

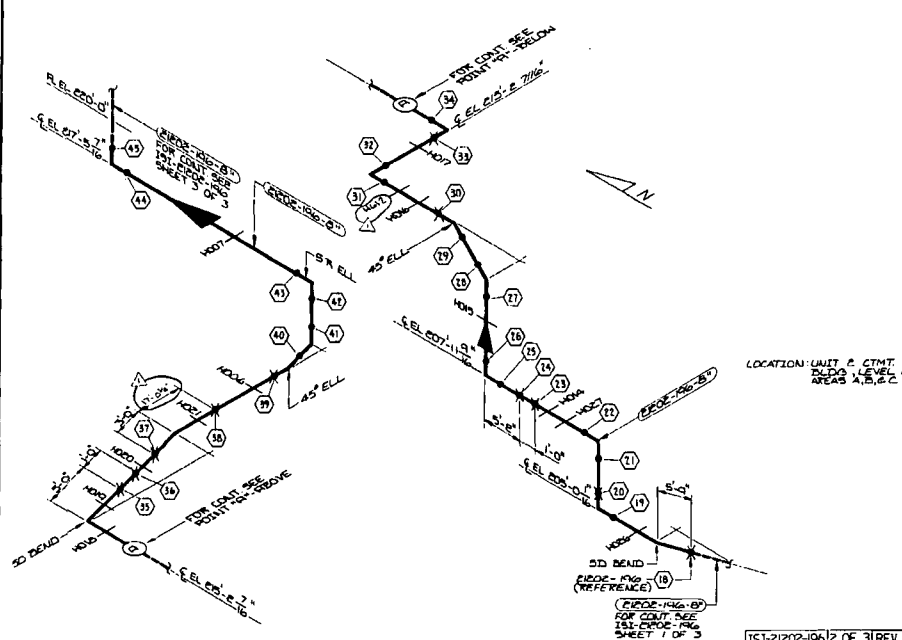
VOGTLE ELECTRIC GENERATING PLANT
UNIT 2- LINE NO 196
INSERVICE INSPECTION ISOMETRIC
NSCW-SYSTEM 1202

REVISIONS: NONE
DATE: 11-22-81
BY: J.S. L.H.

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-22-81	ISSUED FOR INSPECTION	J.S. L.H.		
2	11-22-81	ORIGINAL ISOMETRIC DELETE HOOBY	J.S. L.H.		
3	11-22-81	REMOVED HANGER FROM P.E.A. 205-0 1/2"	J.S. L.H.		

961-20212151

LINE NUMBER	LINE CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	POLY THICK
2100C-196	C	8"	40S	3/32"	SA-312	7500R



REFERENCES:
 P&ID: 214-102-196-046
 P&ID 190: 214-102-196-046
 HANGER DET. DWG: 214-102-196-046
 F-SHEETS: 214-102-196-046
 THERM: 15384

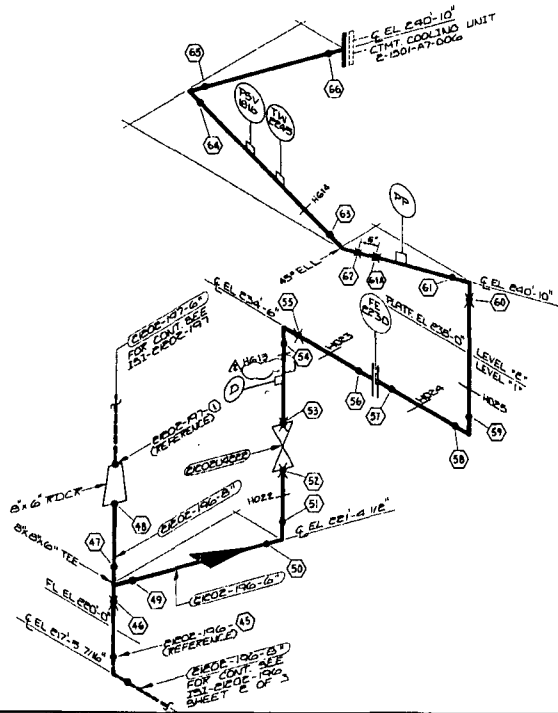
151-21202-196/2 OF 3 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 196	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DATE: 11-22-84	ISSUED FOR INSPECTION
ADD: H412	DELETE: H078
BY: RIK, R6, THA	BY: WSK, W6
DATE: 11-22-84	DATE: 11-22-84
151-21202-196	1

981-20212-151

SCALING RULES

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THK	MATL TYPE	INSUL THK
E-102-196	E	8"	40S	3/32"	SA-105	N/A
E-102-196	E	8"	40S	3/32"	SA-105	N/A



LOCATION: UNIT E CTHT, D.D.O. LEVEL, TANKS 2, AREA C

151-20212-196 OF 3 REV. 2

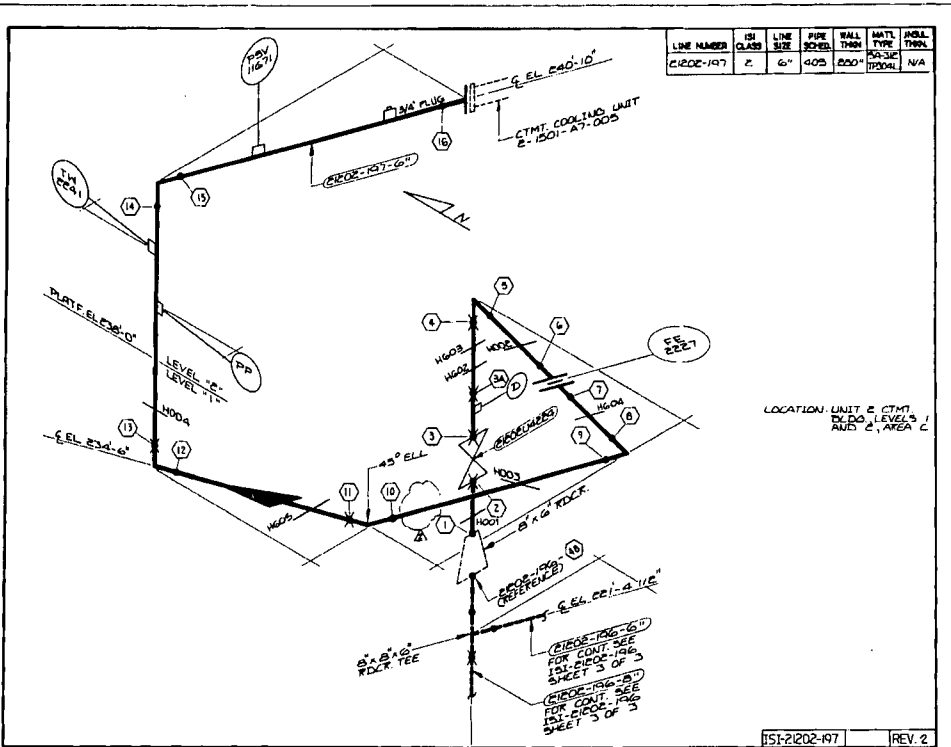
REFERENCES:

- P. & I.D. ----- EX-102-196-1
- FRD. IDO ----- 2M-1702-196-01/02
- HANGER DET. DWD ----- 151-20212-196-01/02
- THRU HOSE ----- H&B, N&B
- F-SHEETS ----- F-15488 THRU 15489

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-24-86	ISSUED FOR INSPECTION			
2	12-18-86	ADDED WELD 814 & REVISED WELD 812 AND ADDED HANGERS 1022, 1011, 813 & 814 AND REVISED REFERENCES			
3	1-14-87	REMOVED HANGERS 1011 PER PCA-98-003			

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 196	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DESIGNED	BY
CHECKED	BY
APPROVED	DATE
151-20212-196	2

161-20212-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
197	2	6"	40S	0.00	SA-312	N/A

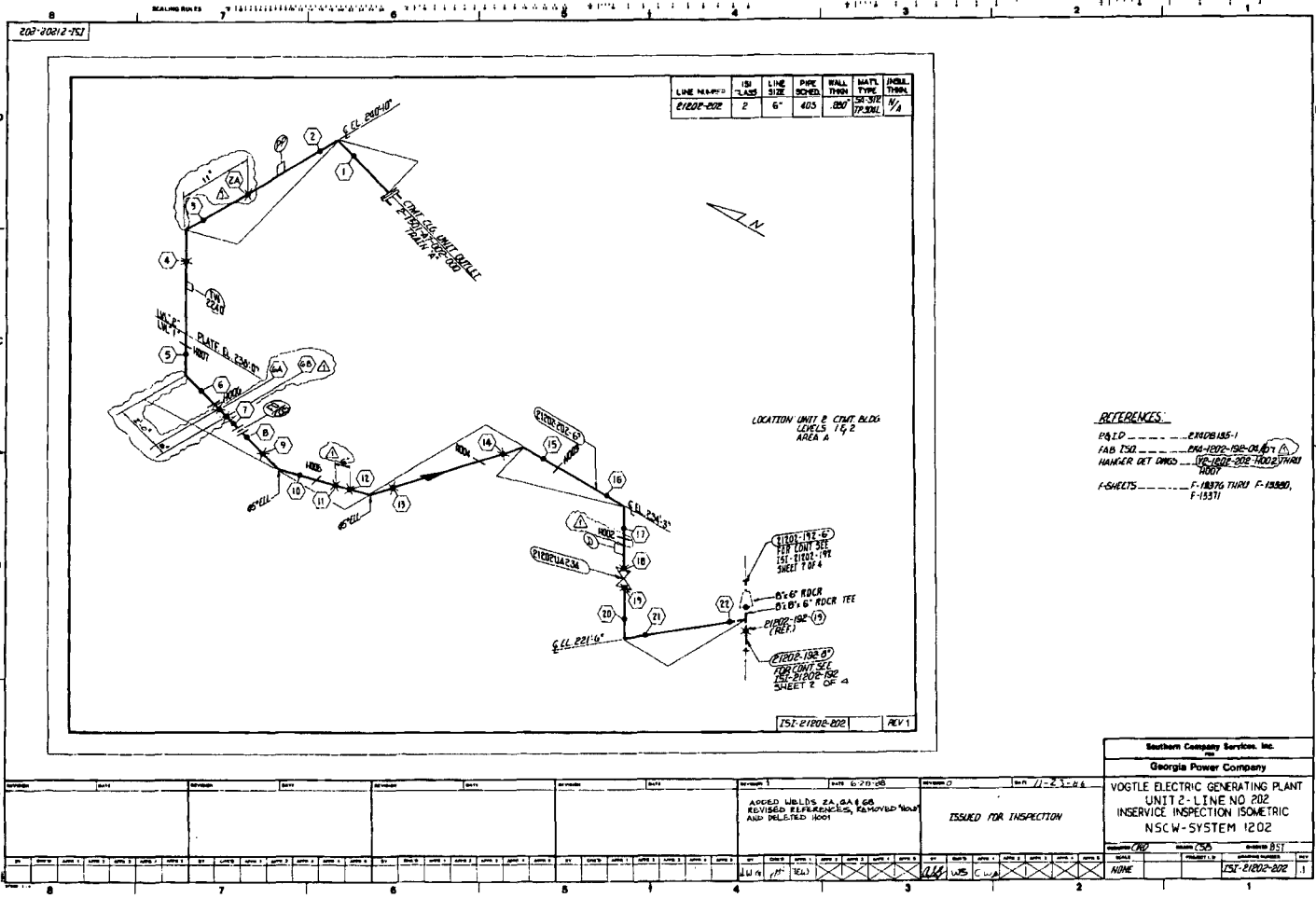
REFERENCES:
 P. 61 D EX-47B135-1
 P. 120 EX-47B135-1
 HANGER DET. DWG. NO. 1501-AT-005
 F-SHEETS 151-20212-151
 THRU 15491

LOCATION: UNIT 2 CTMT. COOLING UNIT AND C, AREA C

151-21202-197 REV. 2

REVISION	DATE	DESCRIPTION
1	10-1-78	DELETED HANGER H001 PER P.C.A. 28-006.
2	11-22-78	ADDED WELD BA 3/4" PLUS AND HANGERS H001 AND H001 THRU H005 AND REVISED REFERENCES
3		ISSUED FOR INSPECTION

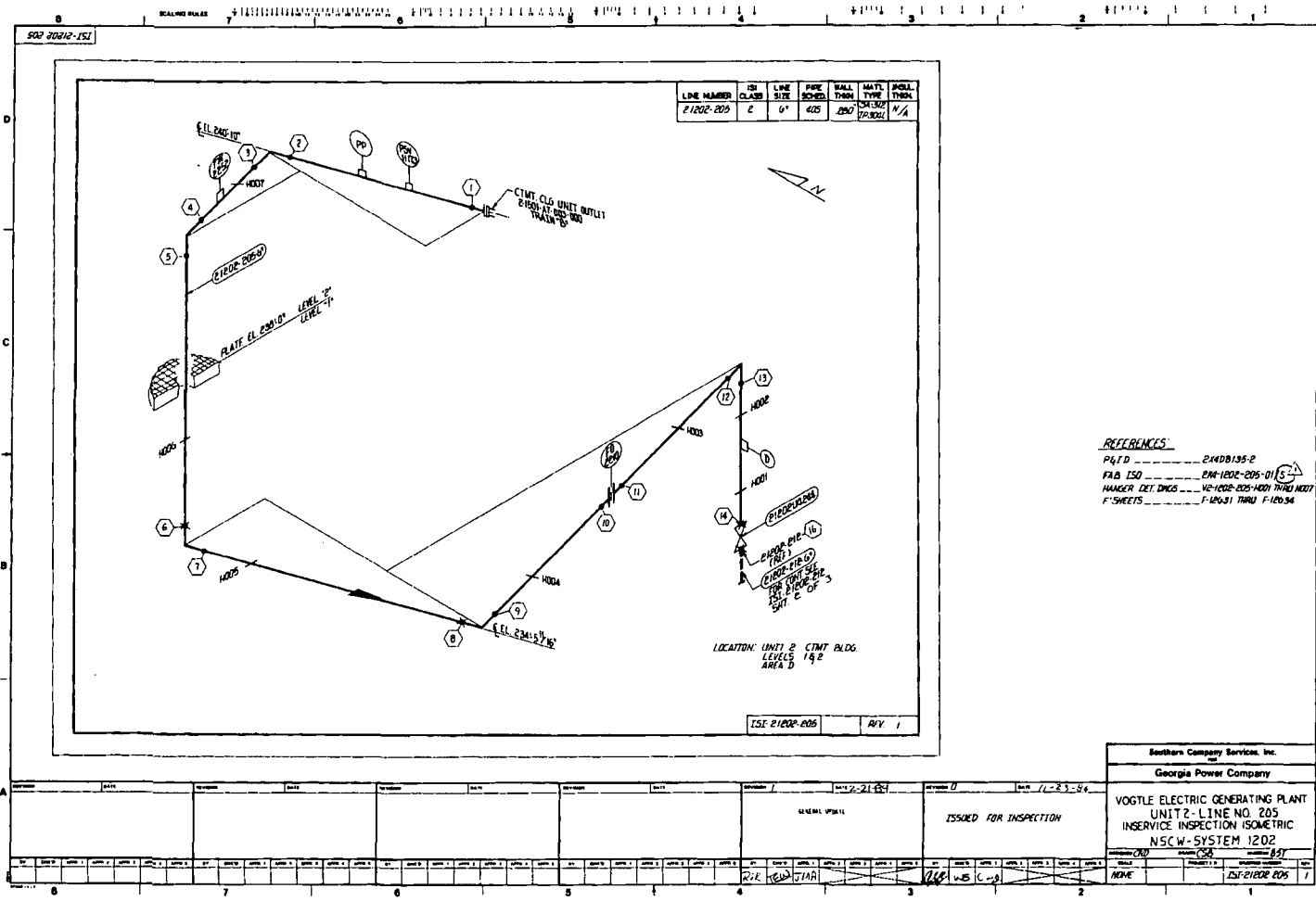
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 197	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DATE	15121202-197
BY	2



LINE NUMBER	SIZE	PIPE	WALL	WELD	THICK
202-202	2	6"	40S	100	1/4"

REFERENCES:
 P&ID - 202-202-1
 FAB ISO - 202-202-100-01
 HANGER DET - 202-202-100-01
 F-SHEETS - F-18376 THRU F-18380, F-18371

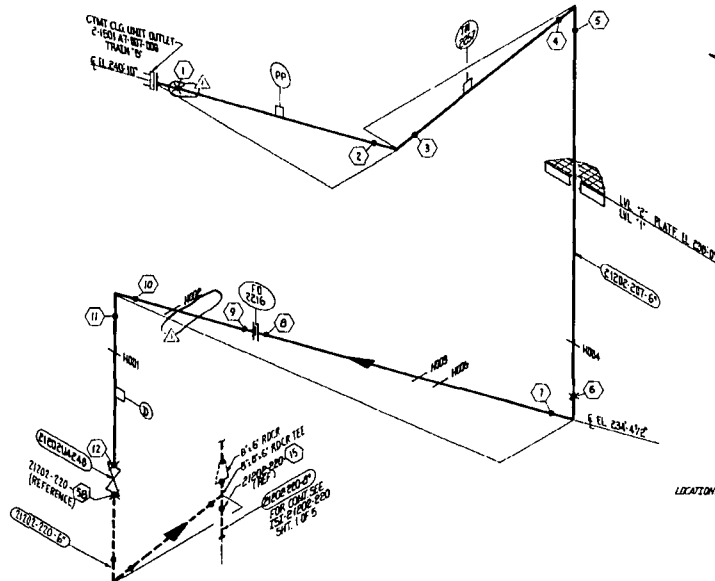
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 202	
INSERVICE INSPECTION ISOMETRIC	
NSCW - SYSTEM 1202	
DATE	11-2-88
ISSUED FOR INSPECTION	
BY	WBS
CHECKED	WBS
APPROVED	WBS
DATE	11-2-88



Southern Company Services, Inc.										Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT										UNIT 2 - LINE NO. 205									
INSERVICE INSPECTION ISOMETRIC										NSCW-SYSTEM 1202									
DESIGNED BY: [Signature]										CHECKED BY: [Signature]									
DATE: 12-21-84										ISSUED FOR INSPECTION									
R/R: [Signature]										W/S: [Signature]									

LDN-2007-2-151

LINE NUMBER	ISI CLASS	LINE SIZE	PURPOSE	WALL THICK	MATERIAL	WALL THICK
21202-207	2	6"	605	207	SA 302	1/4"



LOCATION: UNIT 2 CTMT. BLDG
LEVELS 142
AREA B

ISI-21202-207 REV 1

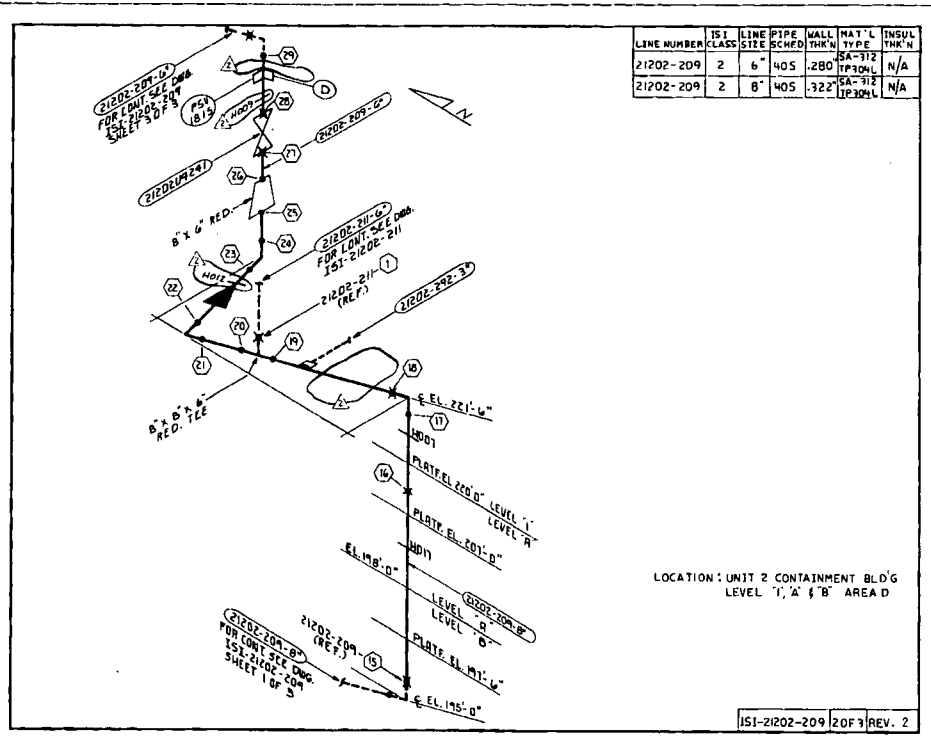
REFERENCES:

P&ID - 21406/85-2
P&ID ISO - 2141802-200 0416
HANGER DET. DIES - 141802-207-HDR THRU HOD4, HOD5
F-SHEETS - F-13703 1000 F-13705

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2- LINE NO. 207	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
DATE	12-23-84
BY	ISI-21202-207

GENERAL UPDATES	
DELETE HODS	
ISSUED FOR INSPECTION	
DATE	12-23-84
BY	ISI-21202-207

602-20212-151



LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	SCHED	WALL THK	MAT'L TYPE	INSUL THK
21202-209	2		6"	40S	.280	SA-312 TP304L	N/A
21202-209	2		8"	40S	.322	SA-312 TP304L	N/A

REFERENCES

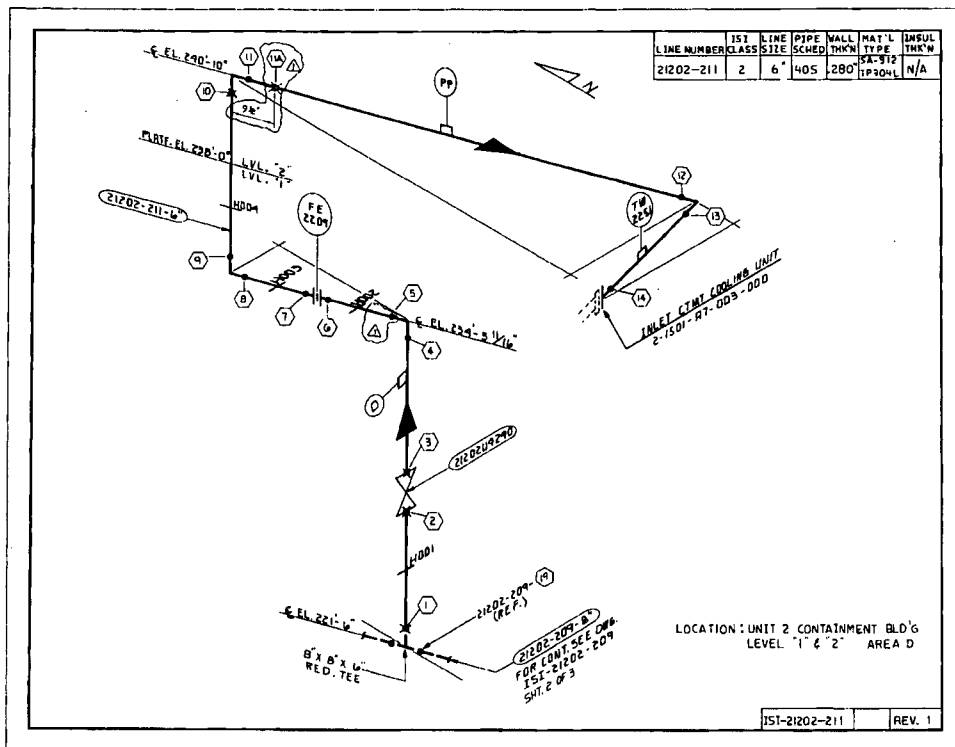
P & I D. ----- 2K4DB135-2
 FAB ISO. ----- 2K4-1202-209-02
 HANGER DET. DWG. ----- V2-1202-209-H007
 F-SHEETS ----- H009, H010, H017
 F-12.305, F-12.635
 THRU F-12.637

LOCATION: UNIT 2 CONTAINMENT BLD'G
 LEVEL 1, A & B AREA D

ISI-21202-209 20F3 REV. 2

Southern Company Services, Inc.									
Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 209 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202					ISSUED FOR INSPECTION				
REMOVED WELD 12A EXEMPT					NONE				
20K REPAIR TMA					2 OF 3				
21202-209-02					2				

112-20212-151



LINE NUMBER	CLASS	SIZE	SCHED	THICK	PIPE WALL	MAT'L	UNUSL
21202-211	2	6"	40S	1.280	TP304L	N/A	

REFERENCES

P & I.D. ----- 2X4 DB135 - 2
 FAB ISO. ----- 2K4-1202-211-01 (2) A
 HANGER DET. DWG. ----- Y2-1202-211-H001
 F-SHEETS ----- F-12,642 THRU F-12,645

LOCATION: UNIT 2 CONTAINMENT BLD'G
 LEVEL "1" & "2" AREA D

151-21202-211 REV. 1

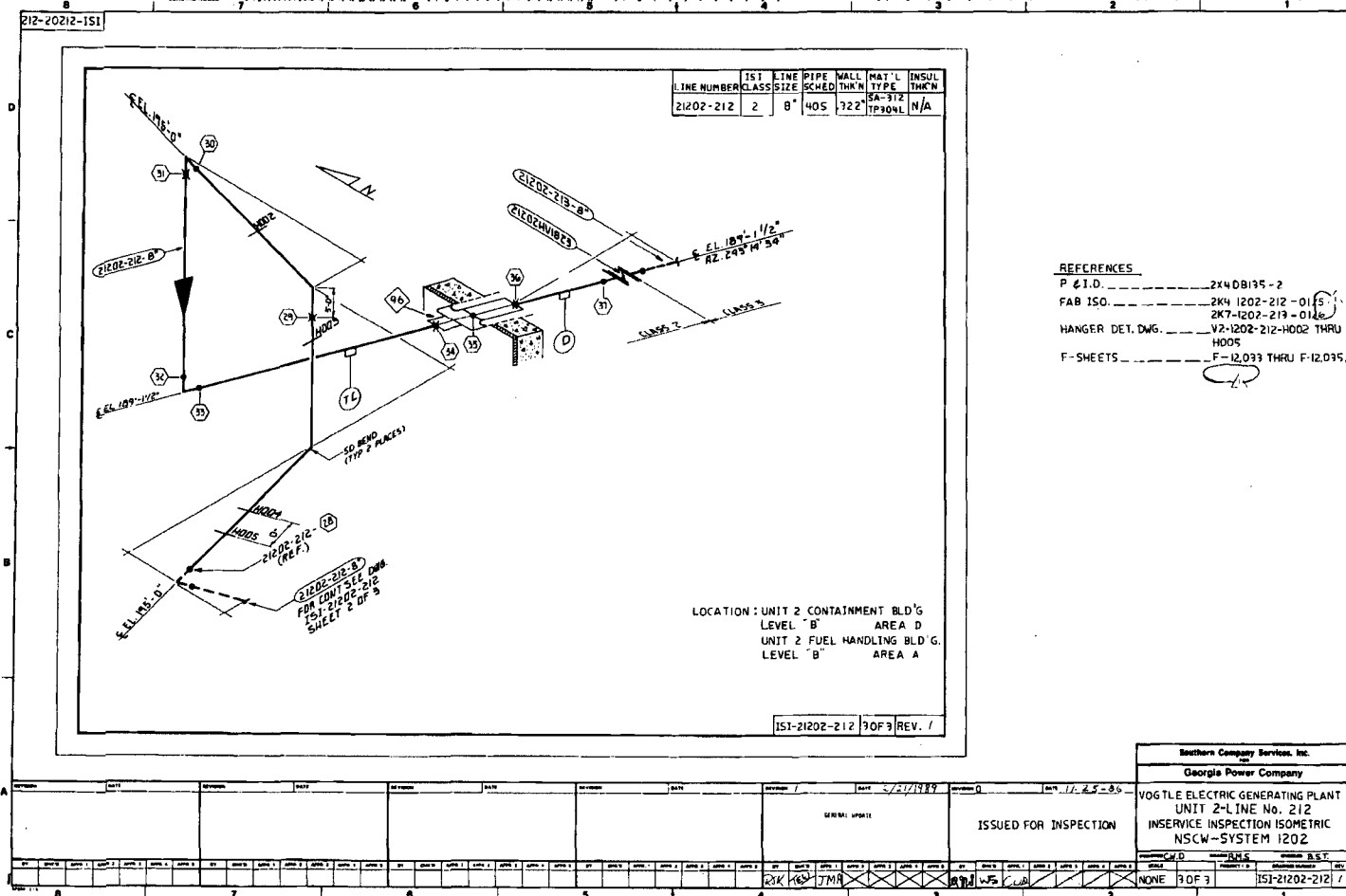
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 211	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
REVISIONS	DATE
1	11-27-88
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ADDED WELD 11A AND DELETED
 WELD 9A AND REVISED REFERENCES
 AND INFO 3

ISSUED FOR INSPECTION

REVISIONS	DATE
1	11-27-88
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SCALING RULES



LINE NUMBER	IST CLASS	LINE SIZE	PIPE SCHED	WALL THK'N	MAT'L TYPE	INSUL THK'N
21202-212	2	8"	40S	322"	SA-312 TP304L	N/A

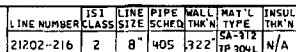
REFERENCES

[illegible]

LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL "B" AREA D
UNIT 2 FUEL HANDLING BLD'G.
LEVEL "B" AREA A

ISI-21202-212	30F3	REV. 1
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Southern Company Services, Inc. 1991			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE No. 212 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202			
PROJECT C.D.	ISSUED R.M.S.	REVISED B.S.T.	
DATE	PROJECT I.D.	REVISION NUMBER	
NONE	3 OF 3	151-21202-212	



REFERENCES

P & I.D. _____ 2X4 DB135 - 2

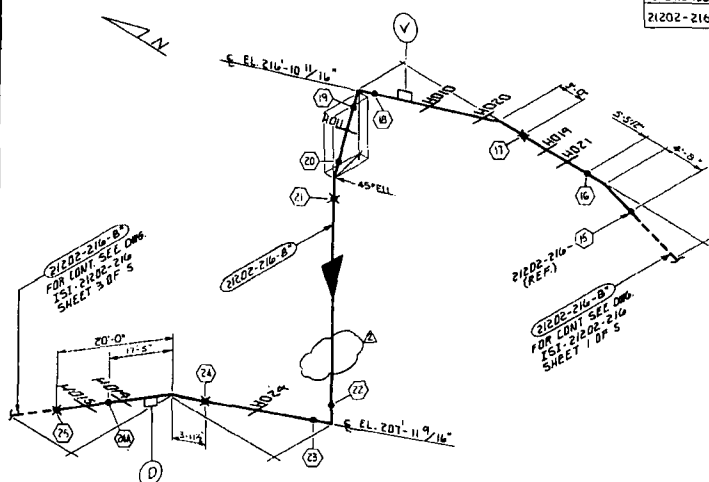
FAB ISO. _____ 2K7-1202-215 - 01/8
2K4-1202-216 - 01/8

HANGER DET. DWG. _____ V2-1202-216-H002, H003.
A H005 H008

F-SHEETS _____ F-1299, F-12036, F-12037
F-12, 301, F-12308

REVISION		DATE		REVISION		DATE		REVISION 2		DATE		REVISION 1		DATE		REVISION 0		DATE	
								REMOVED UNLESS HOOB PER PCA-A8-003				GENERAL UPDATE ADD HOOB DELETE HOOA, HOOO				ISSUED FOR INSPECTION		VOG TELE ELECTRIC GENERATING PLANT UNIT 2 LINE NO. 216 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM IOST	
BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
A		7		A		S		S		1		3		2		2		2	

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THK'N	MAT'L TYPE	INSUL THK'N
21202-216	2	8"	405	322"	SA-312 TP304L	N/A



LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL "A" AREA C.

ISI-21202-2.16	20F5	REV. 2
----------------	------	--------

REFERENCES

P.C.I.D. _____ 2X4 DBI95-2
FAB ISO. _____ 2K4-1202-216 - 02/8/01/8
HANGER DET. DWG. _____ V2-1202-216-MOD. HANGERS MOD 14
MOD 5 & MOD 9 THRU MOD 21
MOD 4
F-SHEETS _____ F-13.318 THRU 13.321-F-12.308

REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE					
								2		10-16-88		1		2-21-89		0		11-26-89					
REMOVED HANGER HO12 PER PCA-88-003 GENERAL UPDATE DELETE H008, H009, H013, H019 ISSUED FOR INSPECTION																				VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE No. 216 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202			
BY		CHECKED		APPROVED		DATE		BY		CHECKED		APPROVED		DATE		BY		CHECKED		APPROVED		DATE	
1		2		3		4		5		6		7		8		9		10		11		12	
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1		2		3		4		5		6		7		8		9		10		11		12	
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1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8		9		10		11		12	
1		2		3		4		5		6		7		8									

912-20212-151

SCALING RULES

LINE NUMBER	1ST CLASS	PIPE SIZE	SCHED	WALL THKN	MAT'L TYPE	INSUL THKN
21202-216	2	6"	405	280	SA-312	N/A
21202-216	2	8"	405	322	SA-312 TP 304L	N/A

REFERENCES

P.C.I.D. ----- 2X408135-2
 FAB ISO. ----- 2K4-1202-216-0345
 HANGER DET. DWG. ----- V2-1202-216-H031, H036, H041
 F-SHEETS ----- F-13662, F-13693, F-13694

LOCATION: UNIT 2 CONTAINMENT BLD'G
 LEVEL '1' & 'A' AREA B

IS1-21202-216 4 OF 5 REV. 1

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 216
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

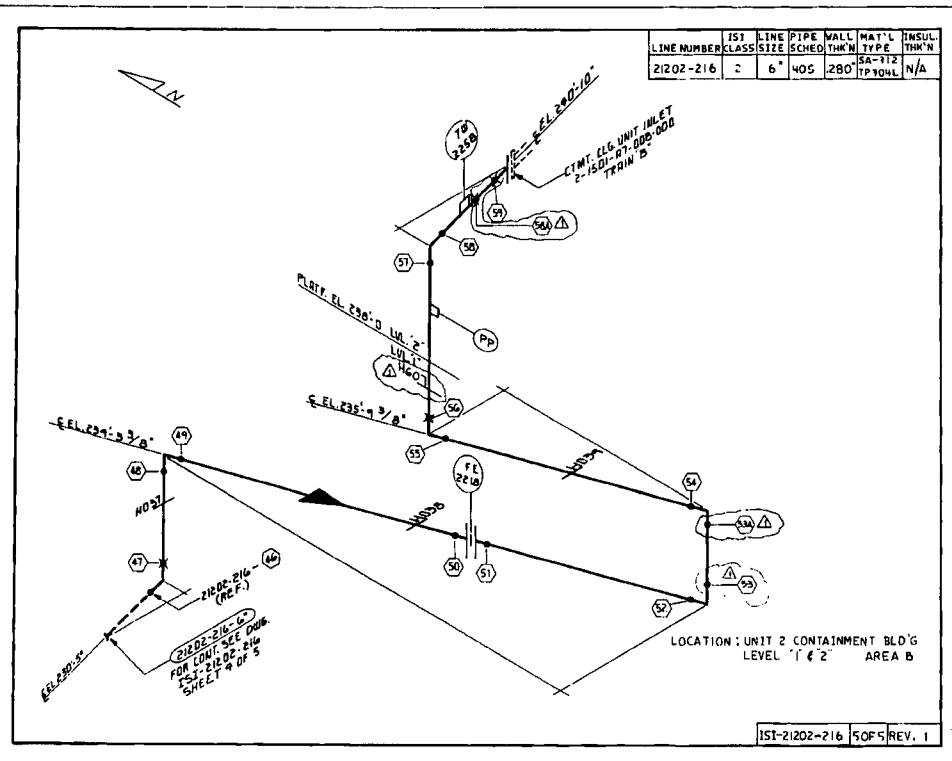
ISSUED FOR INSPECTION

REVISIONS: CWD, BMS, BST
 NONE 4 OF 5 IS1-21202-216 1

912-20212-151

SCALING RULES

LINE NUMBER	CLASS	SIZE	SCHED	THKN	MAT'L	INSUL.
21202-216	2	6"	405	280	SA-312	N/A



REFERENCES

P. I.D. _____ 2X408135-2
 FAB ISO. _____ 2K4-1202-216-04 (S.A.)
 HANGER DET. DWG. _____ V2-1202-216-H017, H018, H019 (H017)
 F-SHEETS _____ F-13695 THRU F-13697

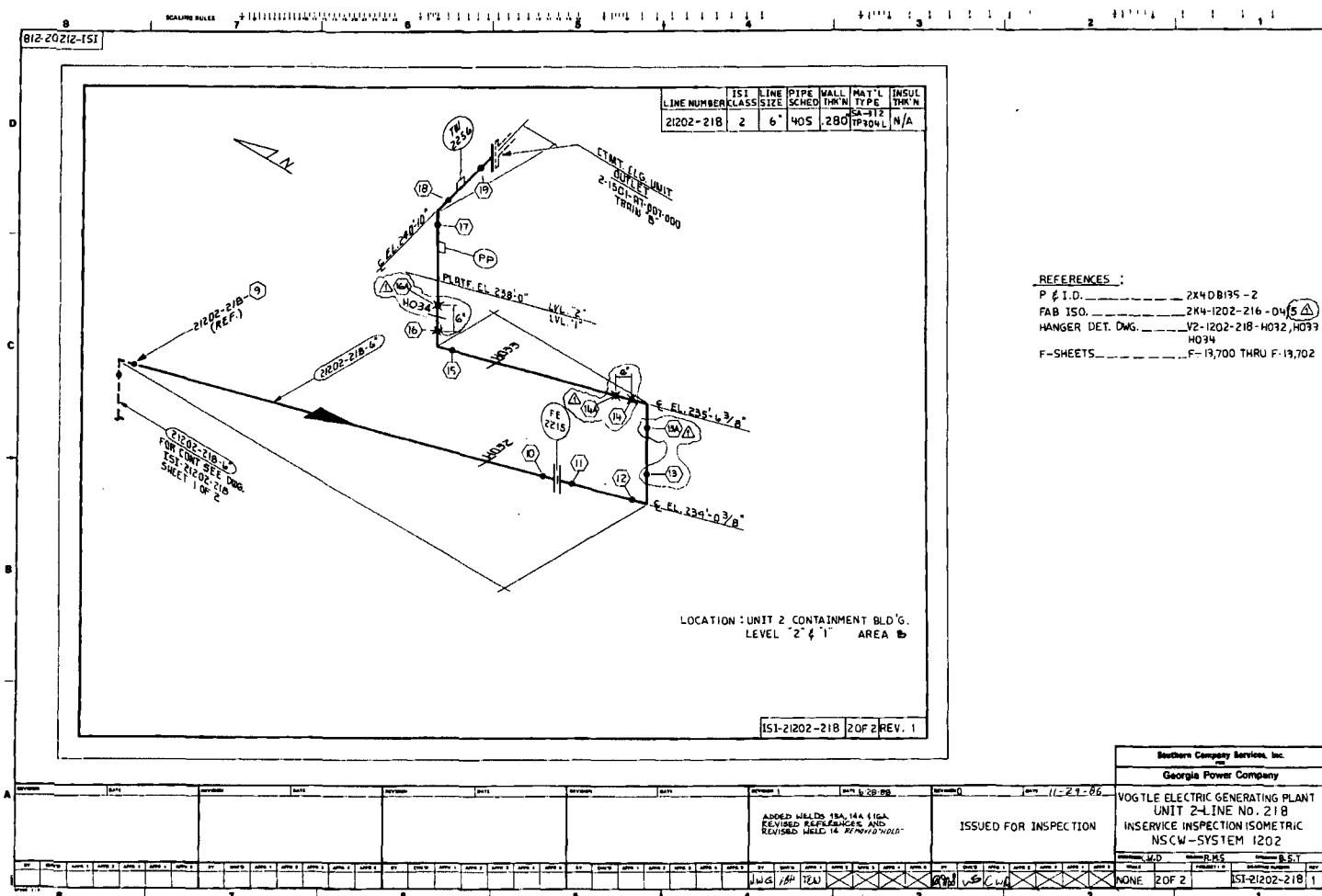
Southern Company Services, Inc.
 Georgia Power Company

ADDED WELDS 98A & 98B AND
 HANGER H017 AND REVISED
 REFERENCES

ISSUED FOR INSPECTION

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 216
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

CHD: _____ D.B.T.: _____
 NONE 5 OF 5 151-21202-216 1



022-20212-151

SCALING RULES

LINE NUMBER	1ST CLASS	LINE SIZE	PIPE SCHED	WALL THK	MAT'L TYPE	INSUL THK
21202-220	2	6"	40S	.280	SA-312 TP-304L	N/A
21202-220	2	8"	40S	.322	SA-312 TP-304L	N/A

REFERENCES

P & I.D.-----2X408135-2
 FAB ISO-----2K4-1202-220-04/5
 HANGER DET. DWG.-----V2-1202-220-H030, H031, H035, H036
 F-SHEETS-----F-13706 THRU F-13709
 F-13710

LOCATION: UNIT 2 CONTAINMENT BLD'G.
 LEVEL 2 & 1 AREA B

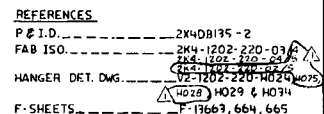
J51-21202-220 1 OF 5 REV. 1

Bentley Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 220
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

CAD: JMS
 PROJECT: 1202-220
 SHEET: 1 OF 5

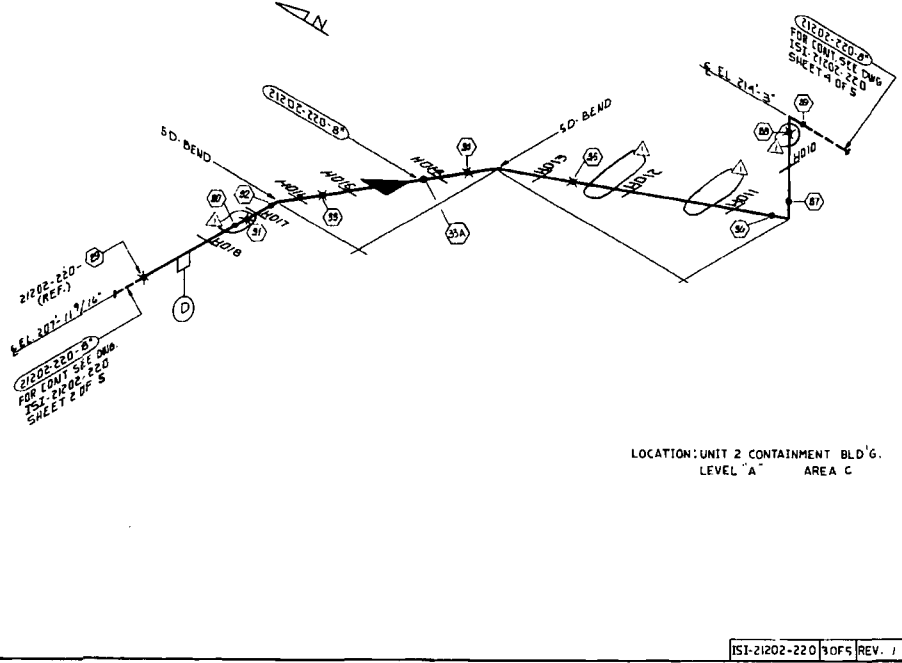
J51-21202-220 1

[illegible]

022-20212-151

SCALE: 1"=10'

LINE NUMBER	CLASS	SIZE	PIPE SCHED	WALL THK	MAT'L TYPE	INSUL THK
21202-220	2	8"	405	.322	SA-312 TP-304L	N/A



LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL 'A' AREA C

ISI-21202-220 30F5 REV. 1

REFERENCES

P & I.D. 2X408195 - 2
FAB ISO. 2K4-1202-220-02/5
HANGER DET. DWG. V2-1202-220-H010
THRU H018
F-SHEETS F-13193 THRU F-13196

DATE: 11-21-86										REVISION: 1										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 11-21-86										REVISION: 0										DATE: 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Southern Company Services, Inc.
Georgia Power Company

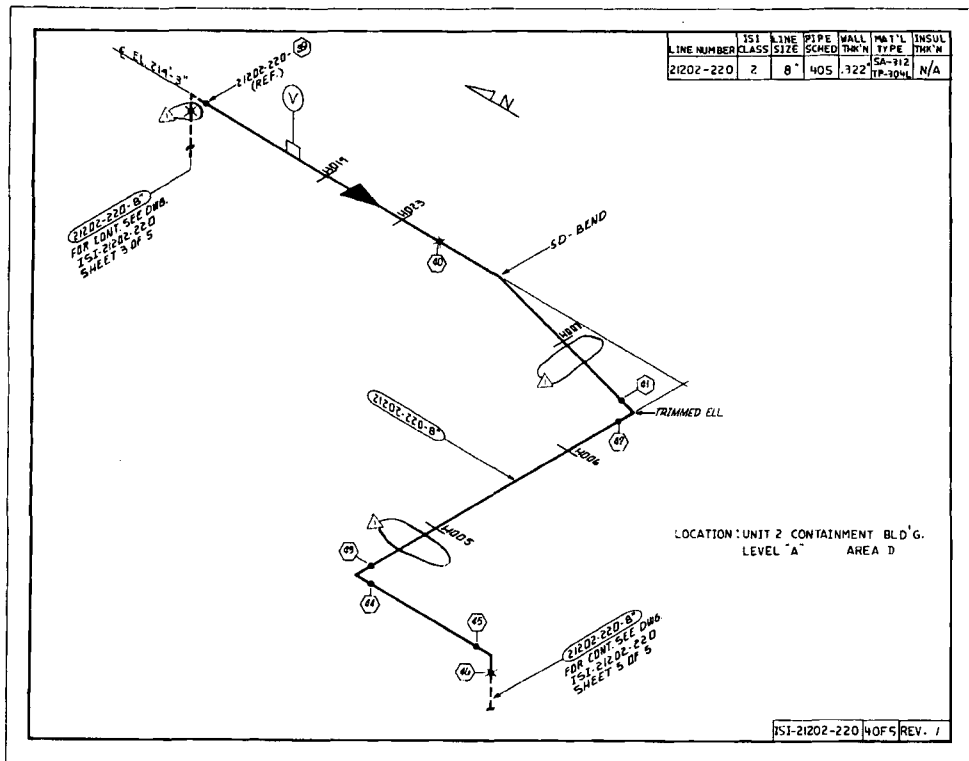
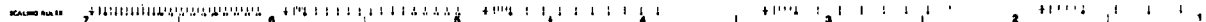
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ISI-21202-220 405 REV. 1

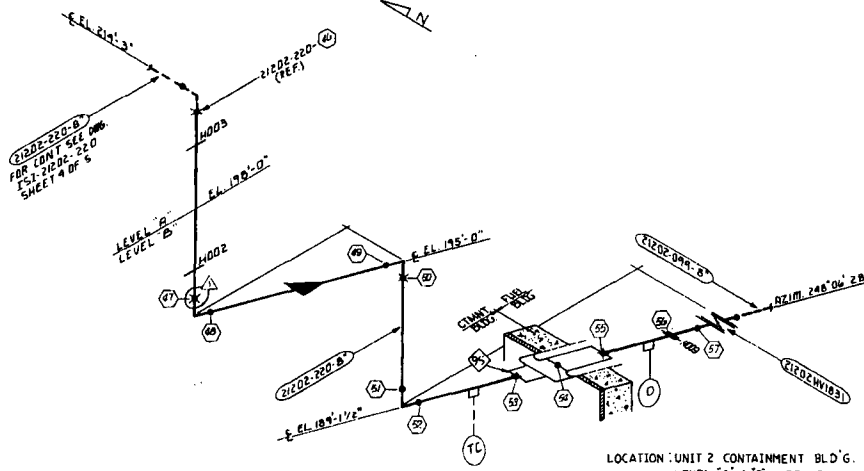
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Southern Company Services, Inc.	
Georgia Power Company	
VOGTE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 220 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202	
CV: D	CV: S
NONE	4 OF 5
151-21202-220	1

022-20212-151

SCALE: 1"=10'

LINE NUMBER	IS1	PIPE	WALL	MAT'L	INSUL
21202-220	2	8"	40S	322	TP-304L



LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL 'A' & 'B' AREA D
UNIT 2 FUEL BLDG. LEVEL B
AREA D

ISI-21202-220 5 OF 5 REV. 1

REFERENCES

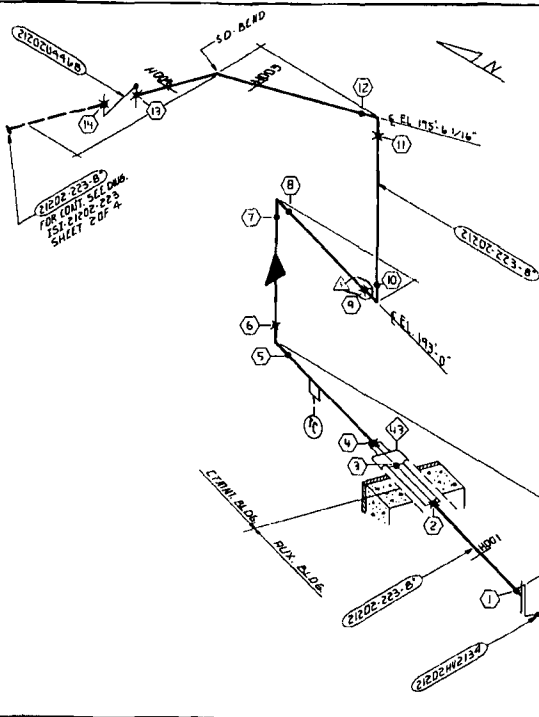
P & I.D. ----- 2XND8135-2
FAB ISO. ----- 2K7-1202-099-01/8
HANGER DET. DWG. ----- 2K4-1202-220-01/5
F SHEETS ----- V2 1202-220-H002.
H003 (H005)
F-12,228,238,239

Southern Company Services, Inc.										Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT										UNIT 2-LINE NO. 220									
INSERVICE INSPECTION ISOMETRIC										NSCW-SYSTEM 1202									
ISSUED FOR INSPECTION										NONE 5 OF 5									
ISI-21202-220 1										1									

22-20212-151

SCALING RULES

LINE NUMBER	IS1	LINE CLASS	PIPE SIZE	WALL THKN	MAT'L TYPE	INSUL THKN
21202-223	2	B"	WOS	.322	EA-712	N/A



LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL 'B' AREA A
UNIT 2 AUX. BLDG.
LEVEL 'B' AREA G

IS1 21202-223 1 OF 4 REV. 1

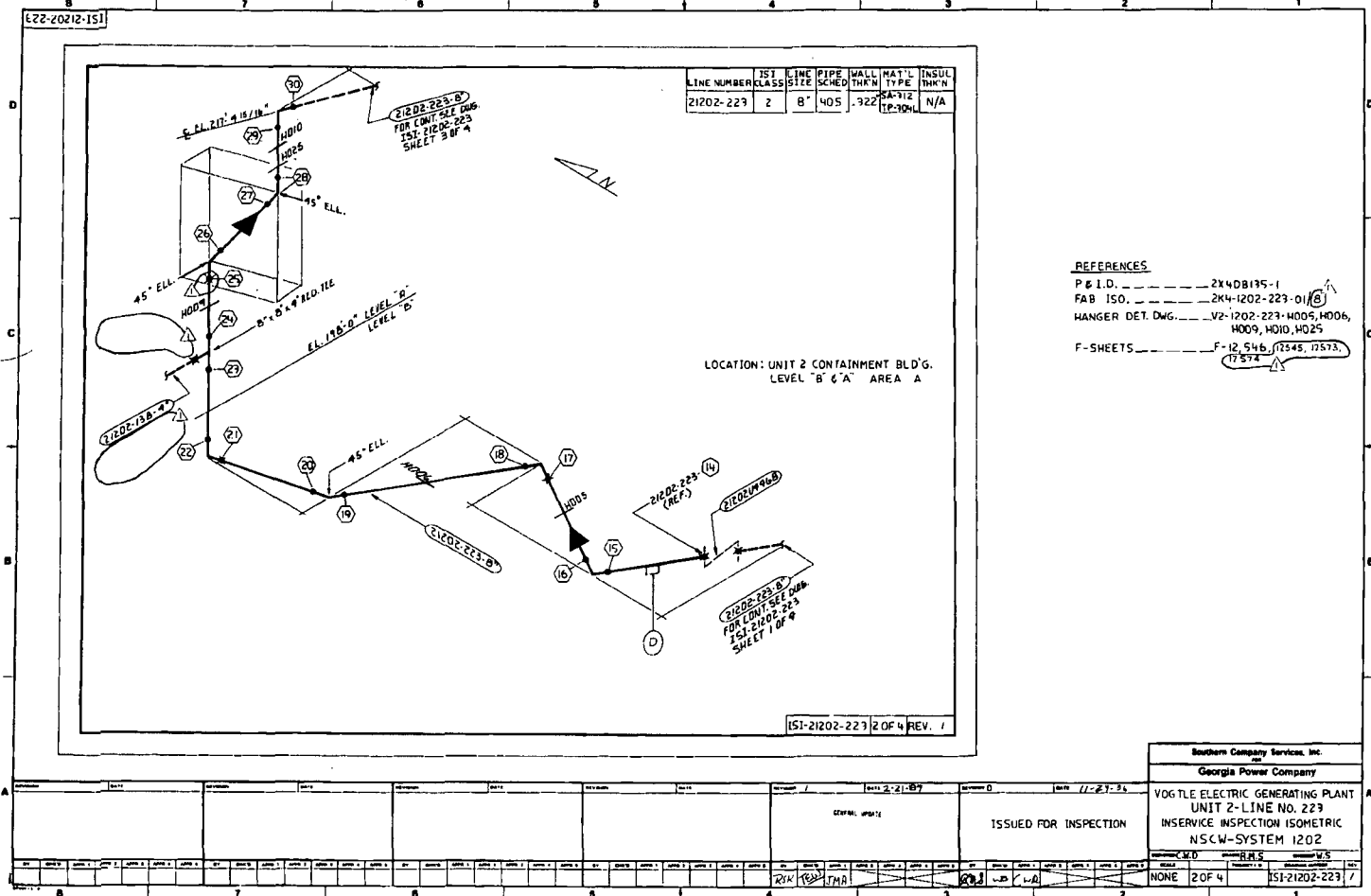
REFERENCES

P & I D. _____ 2X408195-1
FAB ISO. _____ 2K3-1202-222-01/8
HANGER DET. DWG. _____ V2-1202-223-H001, H002, H004
F-SHEETS _____ F-12,542, 543, 544, 545

Southern Company Services, Inc.									
Georgia Power Company									
VOGUE ELECTRIC GENERATING PLANT									
UNIT 2-LINE NO. 223									
INSERVICE INSPECTION ISOMETRIC									
NSCW-SYSTEM 1202									
ISSUED FOR INSPECTION									
NONE 1 OF 4 251-21202-223 7									

622-20212-151

SCALE: 1/8" = 1'-0"



LINE NUMBER	CLASS	SIZE	PIPE SCHED	WALL THKN	MAT'L TYPE	INSUL THKN
21202-223	2	8"	405	.922	SA-312 TP-304	N/A

REFERENCES

P & I.D. --- 2K408135-1
 FAB ISO. --- 2K4-1202-223-01 (B)
 HANGER DET. DWG. --- V2-1202-223-W005, W006, W009, W010, W025
 F-SHEETS --- F-12, 546, 11545, 11573, 17574

151-21202-223 2 OF 4 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 223 INSERVICE INSPECTION ISOMETRIC NSCW-SYSTEM 1202	
DATE: 11-27-85	ISSUED FOR INSPECTION
BY: RJS	NONE 2 OF 4
151-21202-223	1

REFERENCES

P&I.D. _____ 2K4DB135-1
FAB ISO. _____ 2K4-1202-223-0181
_____ 2K4-1202-223-036
HANGER DET. DWG. _____ V2-1202-223-H011
_____ THRU H016, H018
F. SHEETS _____ F-13386, 387, 388 12575

LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL 2, 1 & A AREA A

ISI-21202-223 30F4 REV. 1

[illegible]

622-20212-151

LINE NUMBER	IST CLASS	PIPE SIZE	PIPE SCHED.	WALL THK W	MAT'L TYPE	INSUL THK W
21202-223	2	8"	40S	.322	SA-312 TP-304L	N/A
21202-223	2	6"	40S	.280	SA-304 MP-304	N/A

REFERENCES

P & I D. 2Y408135-1
 FAB 150. 2Y4-1202-223-08
 HANGER DET. DWG. V2-1202-223-H019
 F-SHEETS F-13388 THRU 13,390

LOCATION: UNIT 2 CONTAINMENT BLD'G.
 LEVEL 249 AREA A

151-21202-223 4 OF 4 REV. 2

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 223
 INSERVICE INSPECTION ISOMETRIC
 NSCW-SYSTEM 1202

ISSUED FOR INSPECTION

ADDED WELD RZA AND REVISED
 REPLACEMENT AND DELETED

GENERAL UPDATE

DATE	BY	REVISION	DESCRIPTION	DATE	BY	REVISION	DESCRIPTION	DATE	BY	REVISION	DESCRIPTION
11-27-86		0	ISSUED FOR INSPECTION	11-27-86		0	ISSUED FOR INSPECTION	11-27-86		0	ISSUED FOR INSPECTION
11-27-86		1	ADDED WELD RZA AND REVISED REPLACEMENT AND DELETED	11-27-86		1	ADDED WELD RZA AND REVISED REPLACEMENT AND DELETED	11-27-86		1	ADDED WELD RZA AND REVISED REPLACEMENT AND DELETED
11-27-86		2	GENERAL UPDATE	11-27-86		2	GENERAL UPDATE	11-27-86		2	GENERAL UPDATE

522 20212-151

SCALING PALES

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THICKNESS	MAT'L TYPE	INSUL THICKNESS
21202-225	2	8"	40S	.322	SA-712	N/A
21202-225	2	6"	40S	.280	SA-428	N/A

FOR CONT. SEE DWG. SHEET C OF A

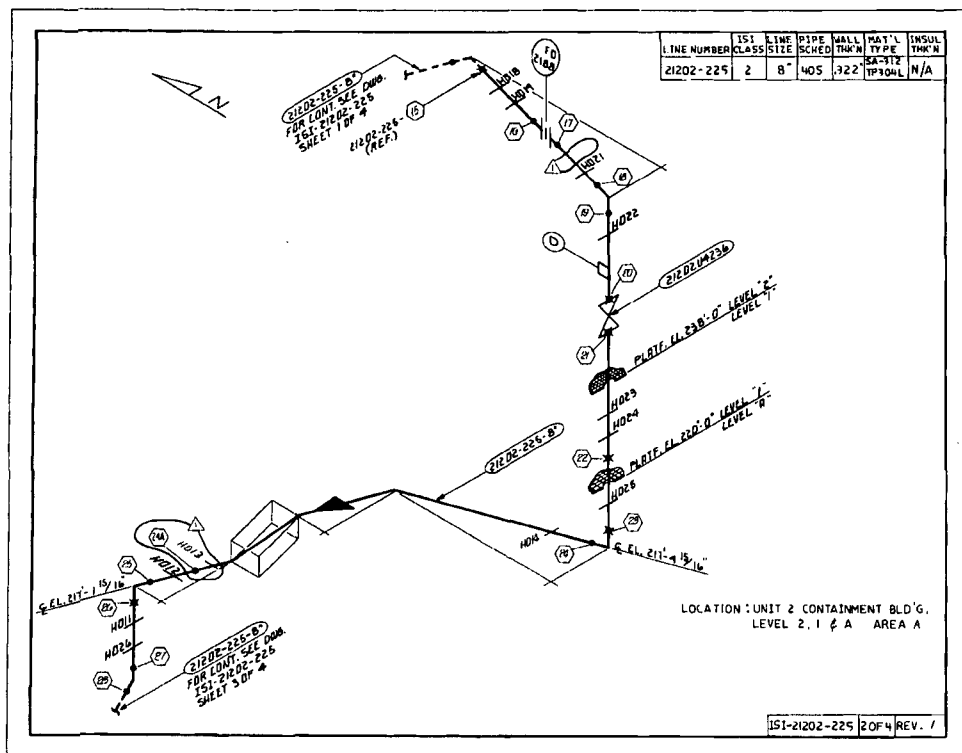
REFERENCES

P & I.D. _____ 2X4 DB135-1
 FAB ISO. _____ 2K4-1202-225-036
 HANGER DET. DWG. _____ V2-1202-225-H016, H017
 F-SHEETS _____ F-13391 THRU F-13399

LOCATION: UNIT 2 CONTAINMENT BLD'G.
 LEVEL 3 & 2 AREA A

151-21202-225 1 OF 4 REV. 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 225	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
ISSUED FOR INSPECTION	
DATE: 11/27/86	
BY: JMA	
REVISION: 1	
REVISION: 2	
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REVISION: 100	



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THK'N	MAT'L TYPE	INSUL THK'N
21202-225	2	8"	405	.322"	SA-312 TP304L	N/A

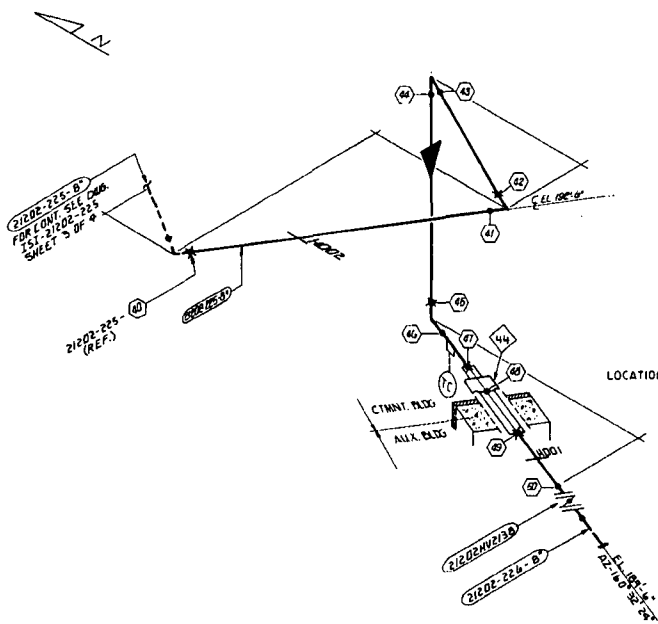
REFERENCES

REFERENCES
 P & I.D. _____ 2X40B135-1
 FAB ISO. _____ 2K4-1202-225-01 (S)
 _____ 2K4-1202-225-03 (S)
 HANGER DET. DWG. _____ V2-1202-225-H01 THRU
 _____ H04, H01B, H01F, H01I THRU
 _____ H02G
 F-SHEETS _____ F-12551, F-13394 THRU
 _____ F-13397

[illegible]

22-20212-151

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THK	MAT'L TYPE	INSUL THK
21202-225	2	B	405	.322	TP304L	N/A



REFERENCES

P & I.D. 2K40B135-1
 FAB ISO. 2K4-1202-225-01/5
 HANGER DET. DWG. 2K4-1202-225-01/5
 F-SHEETS F-12,547, 548, 549

LOCATION: UNIT 2 CONTAINMENT BLD'G.
 LEVEL B AREA A
 UNIT 2 AUX. BLD'G.
 LEVEL B AREA G

ISI-21202-225 40F4 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 225	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
CM/D	R.M.S.
NONE	40F4
ISI-21202-225	1

REVISION									
NO.	DATE	BY	CHKD	APP'D	DESCRIPTION	DATE	NO.	DATE	BY
1	12-10-84	JMR	JMR	JMR	ISSUED FOR INSPECTION	12-10-84	1	12-10-84	JMR



P.E.I.D. ----- 2X4DB135 - 2
FAB ISO ----- 2K4-1202-228-01A17 (A)
----- 2K4-1202-229-01A12
HANGER DET. DWG. ----- V2-1202-229-H001, H002
----- H003, H014 (A)
F-SHEETS ----- F-10, 758, 759
----- F-12, 012, 013

LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL "B" & "C" AREA D
UNIT 2 FUEL BLDG.
LEVEL B AREA D

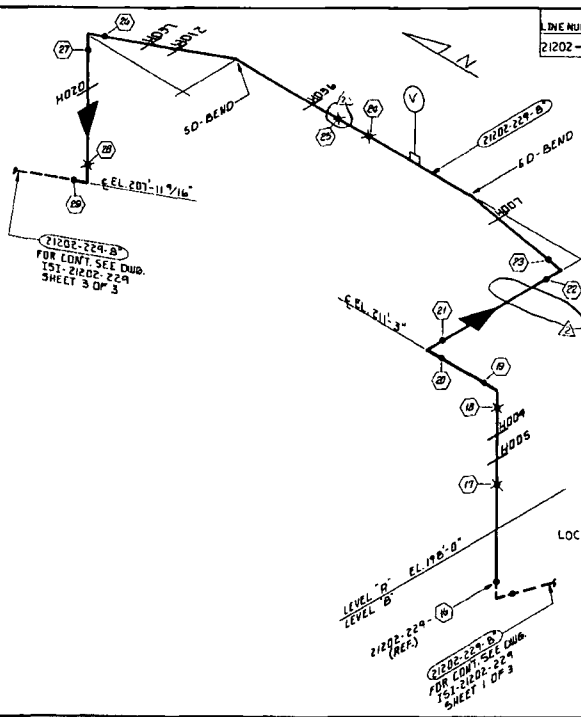
ISI-21202-229 | OF 3 | REV. 2

[illegible]

622-20212-151

SCALE: 1"=10'

LINE NUMBER	ISI	LINE	PIPE	WALL	MAT'L	INSUL
CLASS	SIZE	SCHED	THICK	TYPE	THICK	THICK
21202-229	2	8	40S	.322	SA-312	N/A
					TP-304L	



LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL 'A' & 'B' AREA 9

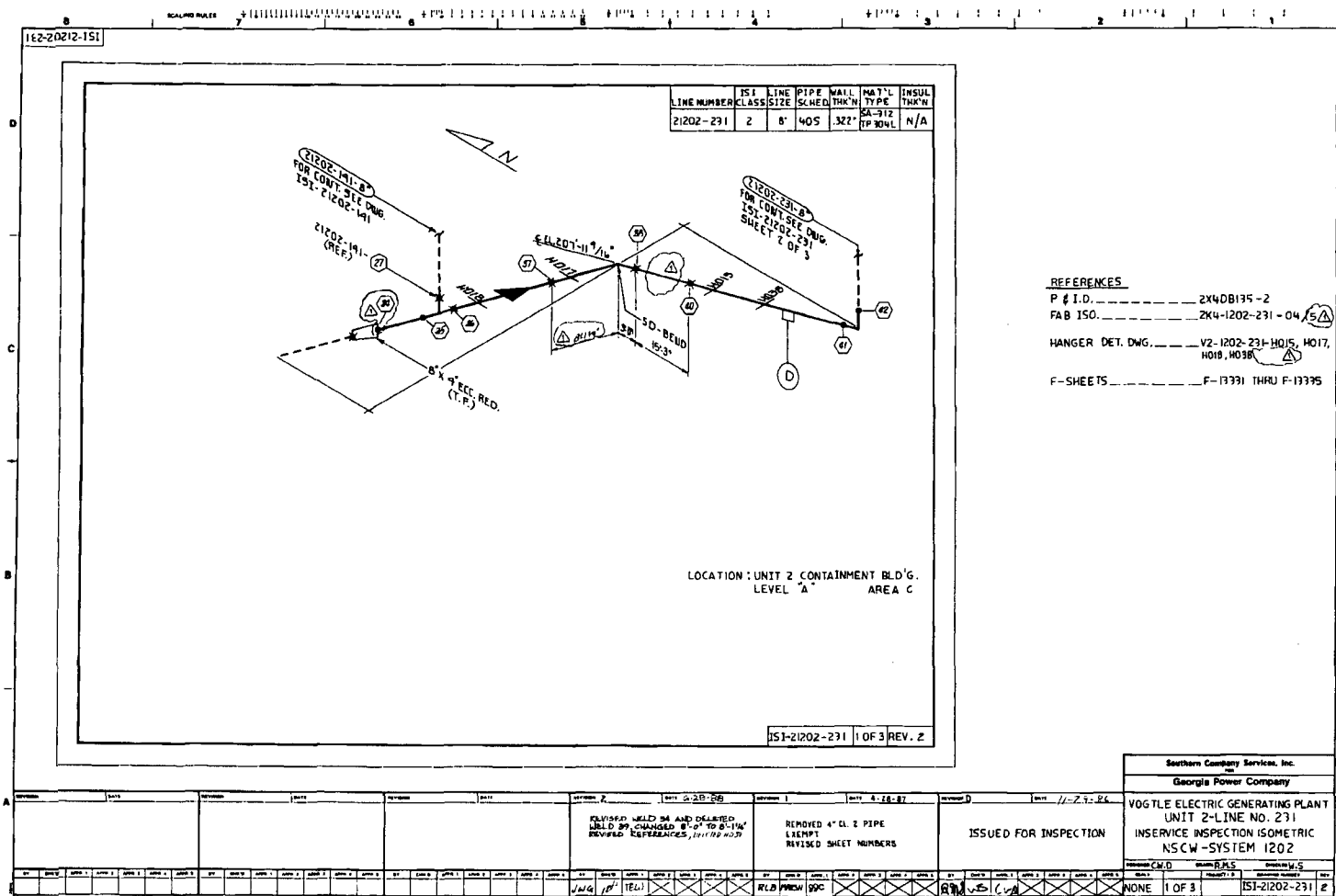
ISI-21202-229 2 OF 3 REV. 2

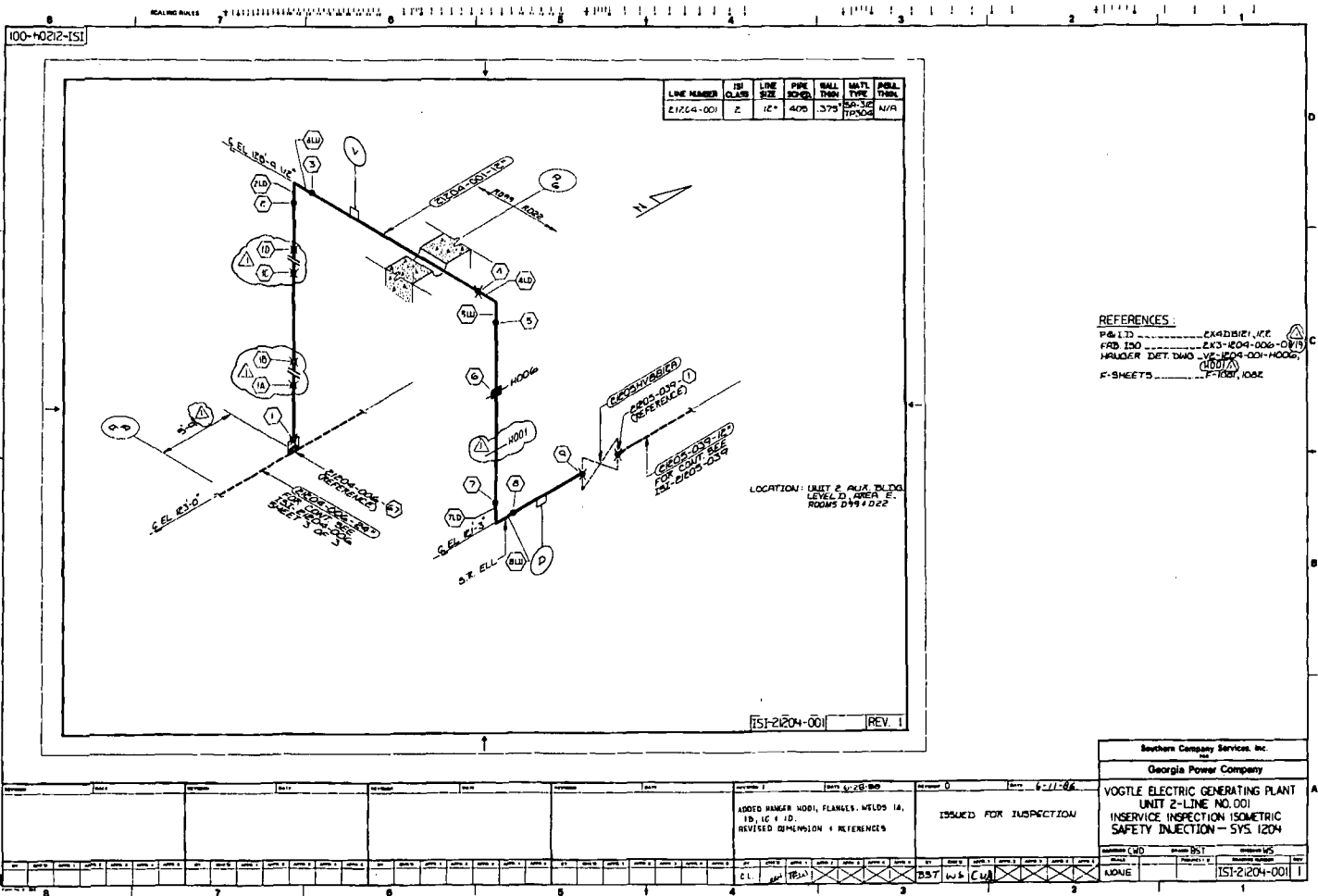
REFERENCES

P & I D.----- 2X40875-2
FAB ISO----- 2K4-1202-229-01 (12)
2K4-1202-229-04 (6)
HANGER DET. DWG.----- V2-1202-229-H004, H005,
H007, H012, H020
F-SHEETS----- F-13724, F-13726, 727

REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION
1	11-23-86	ISSUED FOR INSPECTION	2	11-23-86	REVISED SHEET NUMBERS DUE TO VOIDED DRAWINGS	3	11-23-86	DELETE H006	4	11-23-86	DELETE H006

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLÉ ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 229	
INSERVICE INSPECTION ISOMETRIC	
NSCW-SYSTEM 1202	
CHD	ELMS
DATE	11-23-86
BY	WJ/LA
CHECKED	WJ/LA
APPROVED	WJ/LA
SCALE	NONE
SHEET	2 OF 3
PROJECT	ISI-21202-229 2





600-40212-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	LINE CLASS	LINE SIZE	PIPE POWER	WALL THICK	MATL TYPE	INSUL THICK
21204-003	2	3"	805	.000	SA-112	TD 10M

LOCATION: UNIT 2 AUX BLDG
LEVEL: B, AREA: W
RM: 519

REFERENCES:
P & I D: 2X408121
FAB 150: 2X3-1204-001-01/6
F-SHEETS: F-9801, F-9804

151-21204-003 REV 1

Southern Company Services, Inc. Georgia Power Company											
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 003 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204											
APPROVED: CWD DRAWN: EJO PROJECT: 151-21204-003											

REFERENCES:

PALD.....2K4DBI21
FAS ISO.....2K3-1204-006-01A19
F-SHEETS.....F-1073 THRU F-1080;
F-3900, F-3828, F-5485
THRU F-5489, F-5491,
F-5495
HANGERS.....V2-1204-006-H001, H003,
H005, H006, H007, H008,
H013, H014, H01B, H60Z

LOCATION: UNIT 2 AUX. BLDG.
LEVEL D
AREA E & F
ROOMS C23, D44, D46 & D2

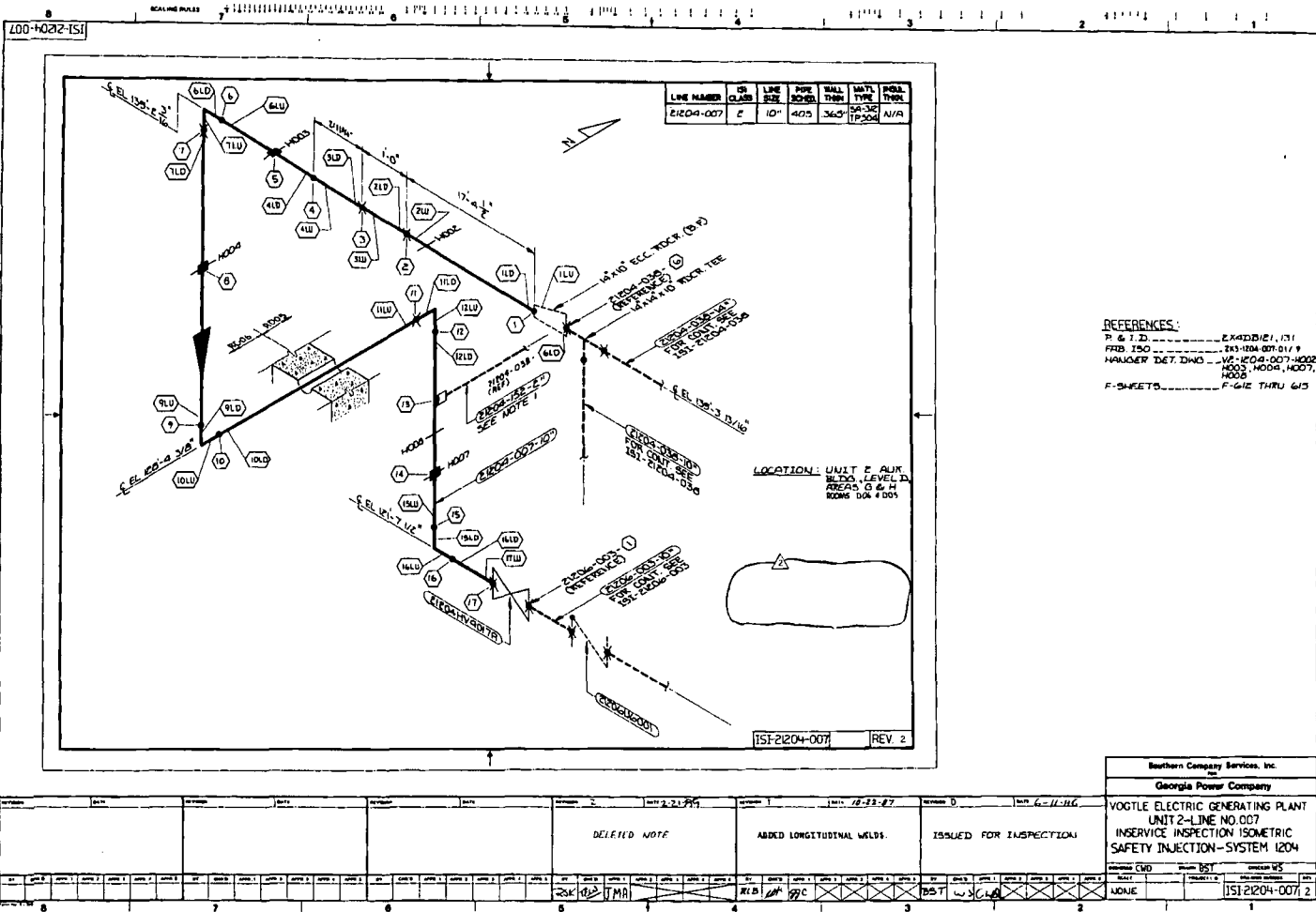
ISI-21204-006	3 OF 3	REV 3
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Southern Company Services, Inc.

Georgia Power Company

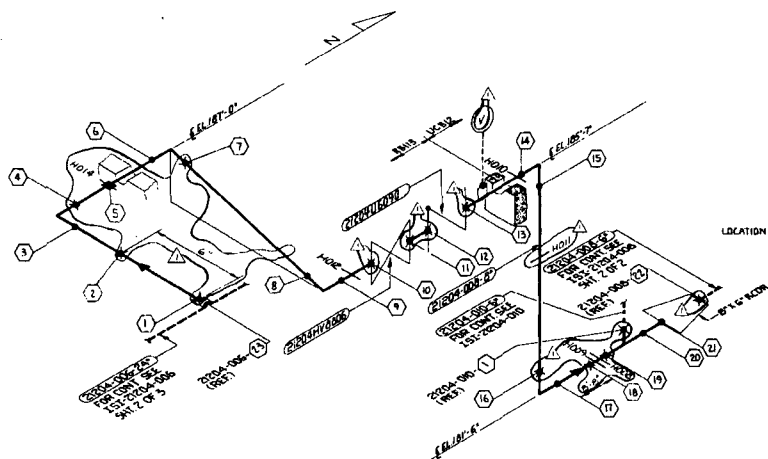
VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO.006
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION - SYS 1204

SEARCHED CWD		INDEXED EJO		SERIALIZED WS	
SCALE	TIME	PERIOD	DATE	TIME	BY
NONE	3	3	151-21204-006	3	



ISI-21204-008

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK	MATL TYPE	WALL THICK
21204-008	7	8"	40S	.322"	SA-312 TP304L	N/A



LOCATION: UNIT 2 AUX. BLDG
LEVEL B, AREA H,
ROOM B113 & UC B12

REFERENCES:

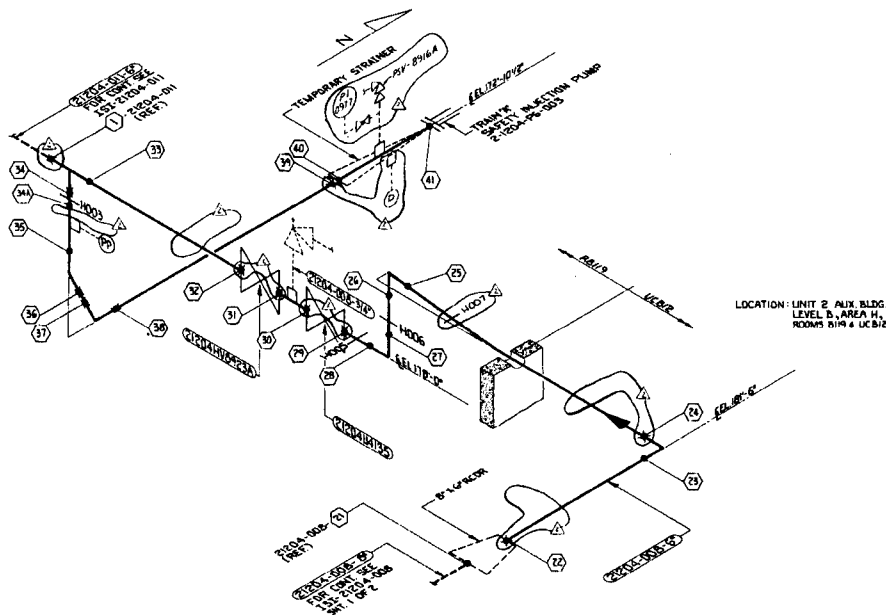
P&ID-----2X4DBI21
 FAB. ISO-----2K3-1204-008-01/8
 F-SHEETS-----F-5962 THRU F-5969.
 -----F-5976 . F-12043
 HANGERS-----V2-1204-008 (F005 THR
 (R012) H014

ISI-21204-008	1 OF 2	REV.
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Georgia Power Company															
PERSONNEL		DATE		PERSONNEL		DATE		PERSONNEL		DATE		PERSONNEL		DATE	
								2 21 88		0		2 2 88			
								GENERAL WORK: DIETED HOIS ADDED HOOR, HOOS, HOII		ISSUED FOR INSPECTION		VOGLT ELECTRIC GENERATING PLANT UNIT 2-LINE NO.008 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION - SYS 1204			
BY	CHECKED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	BY	CHECKED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
								EJO		KMD		15F-21204-908			

800-10212-151

LINE NUMBER	CLASS	LINE SIZE	PIPE SCHD.	WALL THIN	MATL TYPE	WALL THIN
21204-008	2	6"	40S	2.80"	SA-312 TP 304	N/A



LOCATION: UNIT 2, AUX. BLDG.
LEVEL B, AREA H,
ROOMS B1H & UC B2

ISI-21204-008 2 OF 2 REV. 2

REFERENCES:

D&ID 2X4DB121
 P&B ISO 2X4B-1204-008-01/02
 P-SKETS P-5962 THRU P-5969
 HANGERS F-5976 F-1204
 VOGRM-008/4003/4005
 4006-1000

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO.008
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION - SYS. 1204

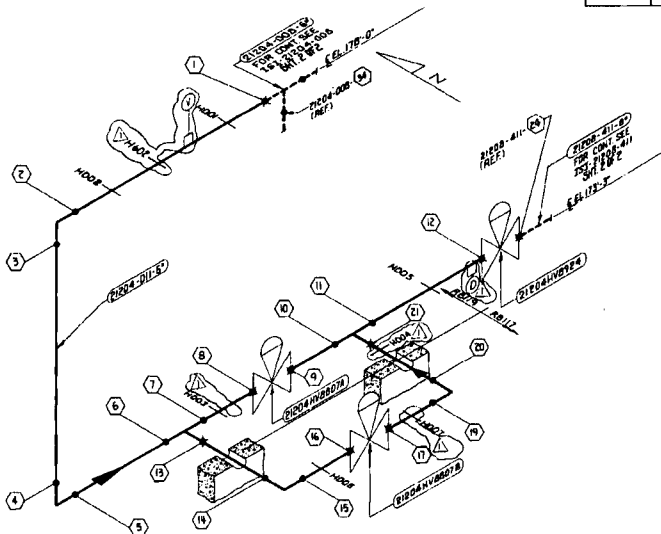
REV	DATE	BY	CHKD	APP'D	REVISION
1	12/1/88	EJO	WS		
2	12/1/88	EJO	WS		

REV	DATE	BY	CHKD	APP'D	REVISION
1	12/1/88	EJO	WS		
2	12/1/88	EJO	WS		

110-H0212-151

SCALING RULES

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THK.	MATL. TYPE	INSUL. THK.
21204-D11	2	6"	405	.280	SA-107 TP-304L	N/A



LOCATION: UNIT 2 AUX. SIDE
LEVEL B, AREA A H,
ROOMS RH9 & BH7

151-21204-D11

REV. 1

REFERENCES:

P.A. ID. --- 2H48B121, 2H48B116-2
FAB. ISO. --- 2H3-1204-D11-01/2
F. SHEETS. --- F-5958, F-5959, F-5960
F-5961
HANGERS. --- VR-1204-D11-H001 THRU H007,
H602/1

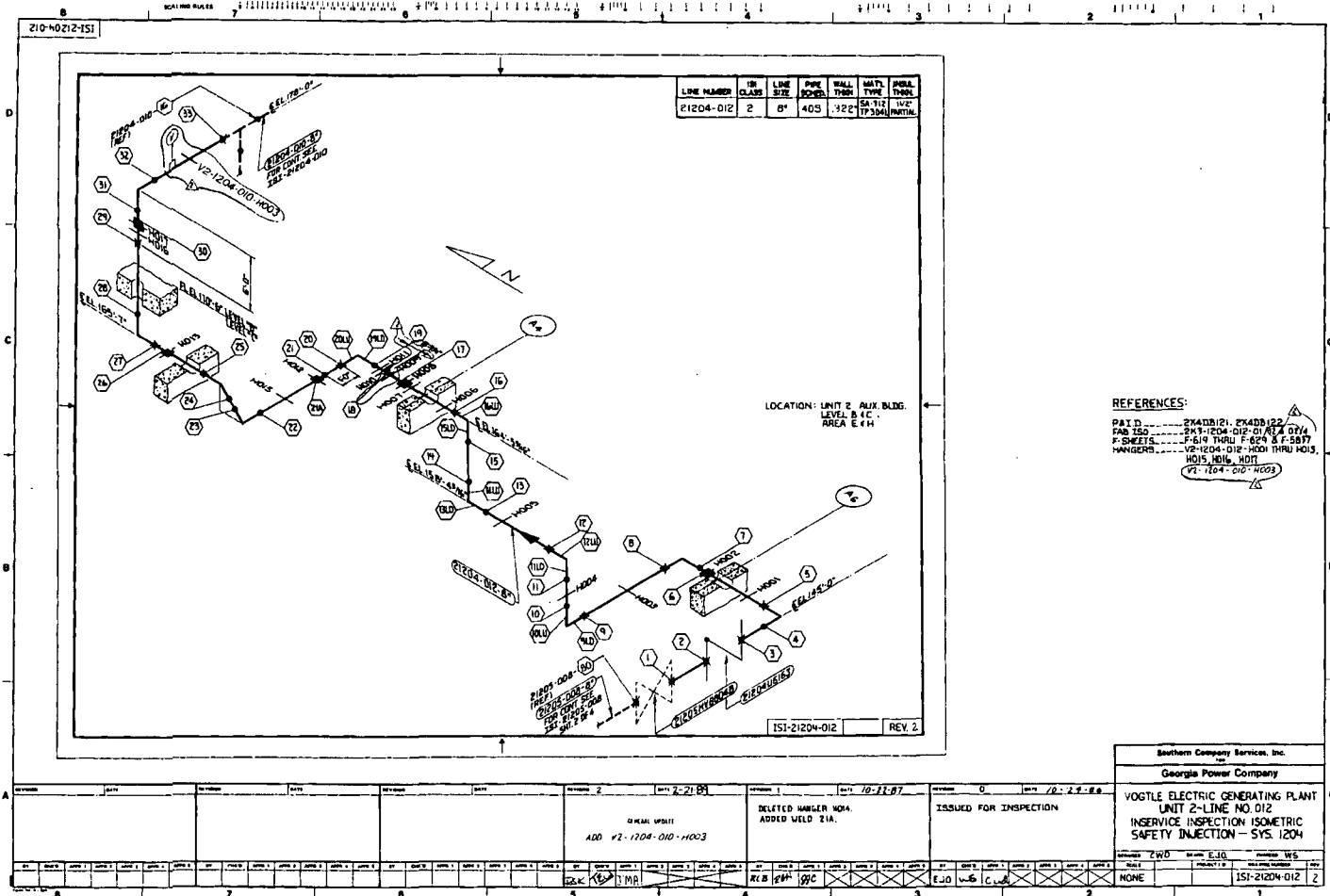
Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT - LINE NO. D11
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION - SYSTEM 1204

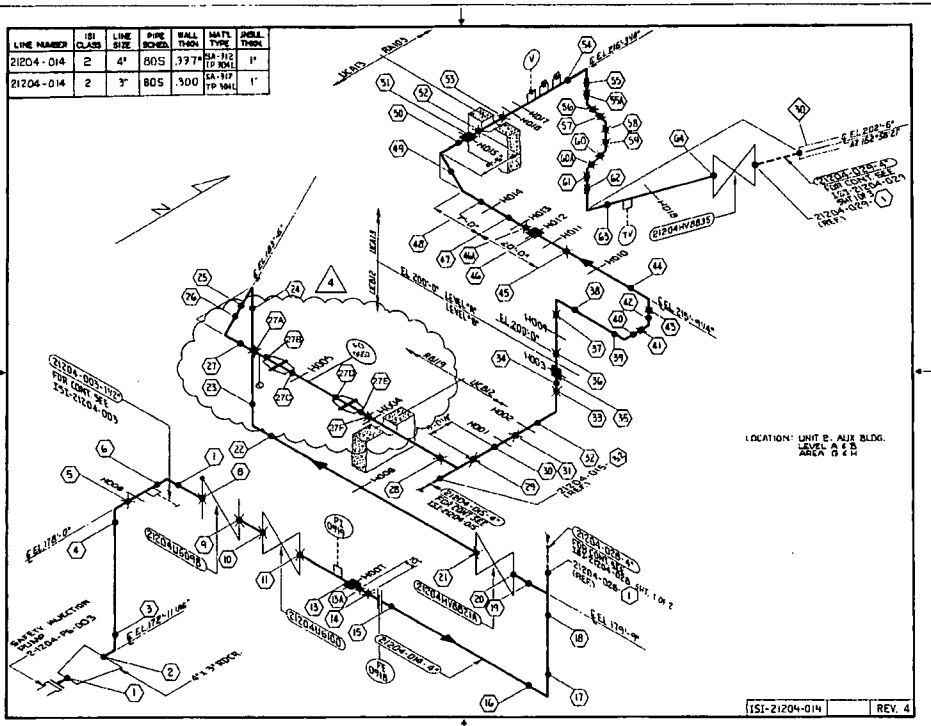
APPROVED: CWD, EJO, RWS
DATE: 11-2-86
SHEET: 1
TOTAL: 1

REVISION	DATE	BY	DESCRIPTION	REVISION	DATE	BY	DESCRIPTION	REVISION	DATE	BY	DESCRIPTION	REVISION	DATE	BY	DESCRIPTION
1	11-2-86	CWD	ADDED DRAIN, VENT & HANGER H602 DELETED WELD 18 & IMA SYMBOL. REVISED HANGER H004 LOCATION & REFERENCES.	2	11-2-86	EJO	ISSUED FOR INSPECTION	3	11-2-86	CWD		4	11-2-86	RWS	



HIO-H0212-151

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THICK	MATL TYPE	INSUL THICK
21204-014	2	4"	805	397"	SA-112 TP 304	1"
21204-014	2	3"	805	300	SA-112 TP 304	1"

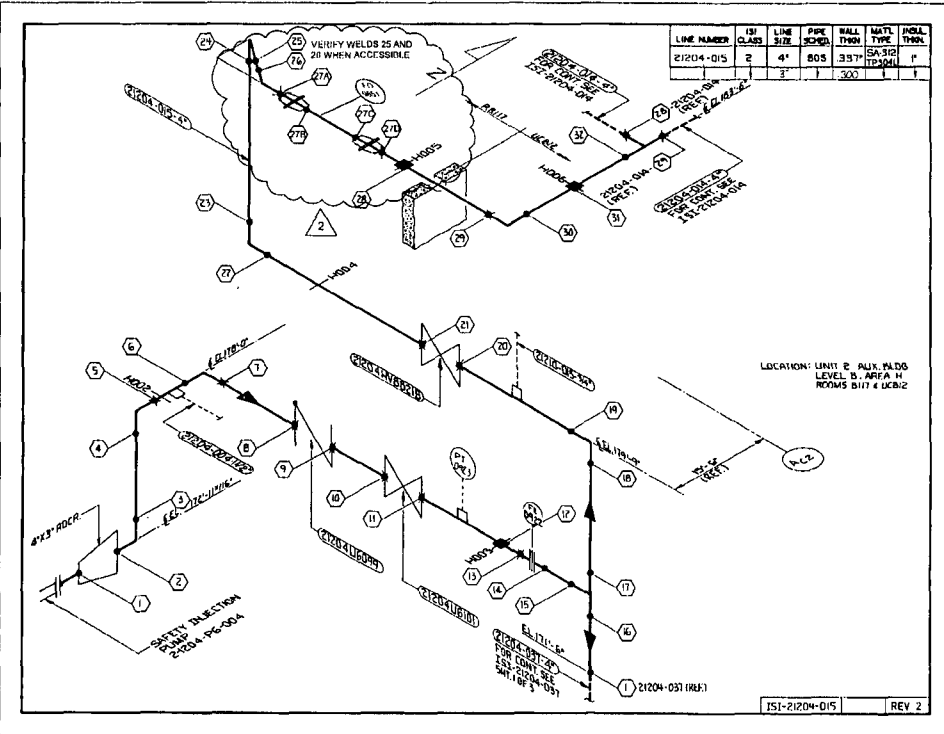


REFERENCES:

P&ID.....2K405121
 FAB ISO.....2K11204-014/01/5 & 02/5
 F-SHEETS.....F-5020 THRU F-5030
 HANGERS.....V2-1204-014-1001 THRU H018

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 014	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
REVISION	BY
1	WJS
2	WJS
3	WJS
4	WJS
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8	WJS
9	WJS
10	WJS
11	WJS
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510-H0212-151



REFERENCES:
 P & I D.....2X4001/21
 FAB. ISO.....2X3-1204-015-01/4
 HANGERS.....V2-1204-015-H002 THRU
 H004
 F. SHEETS.....F-5837-10X10-53

DATE: 6-24-89		DATE: 2-21-89		DATE: 11-29-86	
FLOW ORIFICE FO-0851 WAS ADDED PER GCP 2000181801 AND DOCUMENTED IN PCR 2007-002.		GENERAL NOTE		ISSUED FOR INSPECTION	
SM		JMA		DMS	
EJO		WLB		LJA	
NONE		151-21204-015/2			

Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 015
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION - SYS 1204
 DRAWN: CVD
 CHECKED: EJO
 APPROVED: MS
 DATE: 11-29-86
 SCALE: NONE

110-HQ212-151

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WELD TYPE
21204-017	2	2"	160	3/4"	SA-312	W-304L

REFERENCES:

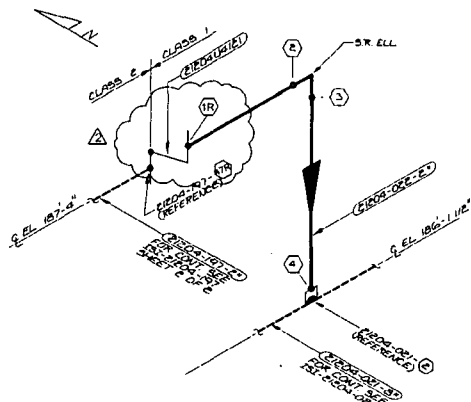
PAID: PK408121
 FAB: 150-2K4-1204-017-03/04
 HANGERS: VP-1204-017-H005
 H006 TIRE H011, H015, H020

LOCATION: UNIT 2, CONTAINMENT
 BUILD. LEVEL B & C
 AREA B & C

151-21204-017 REV 3

Southern Company Services, Inc.			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT			
UNIT 2-LINE NO. 017			
INSERVICE INSPECTION ISOMETRIC			
SAFETY INJECTION - SYS. 1204			
REVISION	BY	DATE	DESCRIPTION
1	EJD	10/1/87	ISSUED FOR INSPECTION
2	EJD	10/1/87	ISSUED FOR INSPECTION
3	EJD	10/1/87	ISSUED FOR INSPECTION
4	EJD	10/1/87	ISSUED FOR INSPECTION
5	EJD	10/1/87	ISSUED FOR INSPECTION
6	EJD	10/1/87	ISSUED FOR INSPECTION
7	EJD	10/1/87	ISSUED FOR INSPECTION
8	EJD	10/1/87	ISSUED FOR INSPECTION
9	EJD	10/1/87	ISSUED FOR INSPECTION
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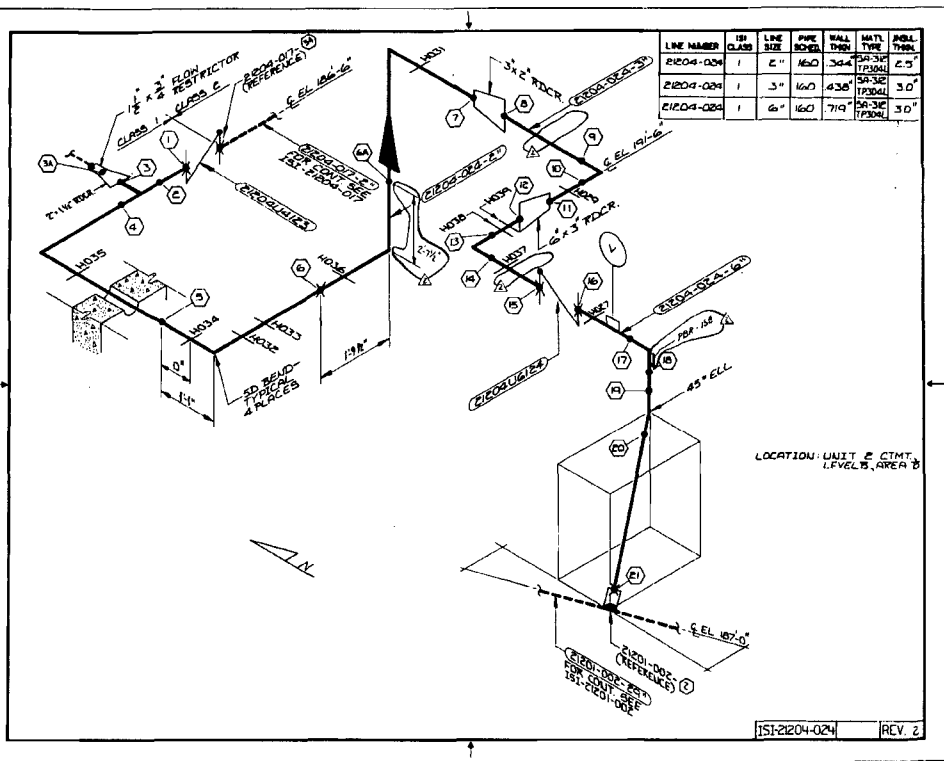
REFERENCES:
T&I.D. _____
FAB. ISO _____



LOCATION: UNIT 2 CONTAINMENT, LEVEL B, AREA D

[illegible]

h20-h022-151



LINE NUMBER	ISO CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	INSUL. THIN.
21204-024	1	2"	160	344	SA-312 TP304L	2.5"
21204-024	1	3"	160	438	SA-312 TP304L	3.0"
21204-024	1	6"	160	719	SA-312 TP304L	3.0"

REFERENCES:

P&ID: 2X422B11, 12, 13
 P&ID ISO: 2X422B11, 12, 13
 HANGER DET. DWG.: V&S 1204-024-024
 F-SHEETS: F-1572, 1573, 1574

LOCATION: UNIT 2 CTMT. LEVEL B, AREA 2

151-21204-024 REV. 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 024	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
REVISION	DATE
1	10-22-87
2	6-14-88
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GENERAL NOTES:
 DELETE H024 & H030
 ADD P&R-158

ADDED WELDS 5A & 5B
 REMOVED HOLD ON HANGERS.

ISSUED FOR INSPECTION

151-21204-024 2

520-H0212-151

SCALING RULES

LINE NUMBER	IS CLASS	LINE SIZE	PIPE SCHED	WALL THIN	WALL TYPE	PIPE THIN
21204-025	1	2"	160	34.4"	SA-312 TP304	2.5"
21204-025	1	3"	160	43.8"	SA-312 TP304	2.5"
21204-025	1	6"	160	71.9"	SA-312 TP304	5"
21204-015	1	1.5"	160	28.1"	SA-408 WFSM	-

LOCATION: UNIT 2 CONTAINMENT
LEVEL B & C
AREA C

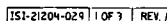
REFERENCES:

P&ID: 2K4-1204-025-02/3 & 05/4
 FAB: 2K4-1204-104-02/4
 F-SHEETS: 2K4-1204-025-02/3 & 05/4
 HANGERS: 2K4-1204-025-02/3 & 05/4
 100% TROU 100% & 100% TROU
 VDS

ISI-21204-025 REV. 4

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLER ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 025 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION - SYS. 1204	
REVISION	DESCRIPTION
1	ISSUED FOR INSPECTION
2	ADD WELD 10A
3	ADD WELD 10A & 10B DELETED HANGER 1005 REVISED WELD 10A FROM FIELD WELD TO SHOP WELD
4	ADD WHIP RESTRAINT DELETE WELD 3 1A & 1D REVISE WELDS 20, 21, 22, 27, REFERENCES & DIMENSION
5	GENERAL UPDATE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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IS1-21204-029 1 OF 3 REV. 1

IS1-21204-029 1 OF 3 REV. 1

P&I.D. 284DB121

F-SNEETS.....F-6588, F-12079, F-12080.

F-12479
HANGERS-----V2-1204-029-H005 THRU
H012 V2-1204-029-H002

700-627-2178

FAB 150-244-1204-024-0516
243-1204-014-0218

Southern Company Services, Inc.

Georgia Power Company

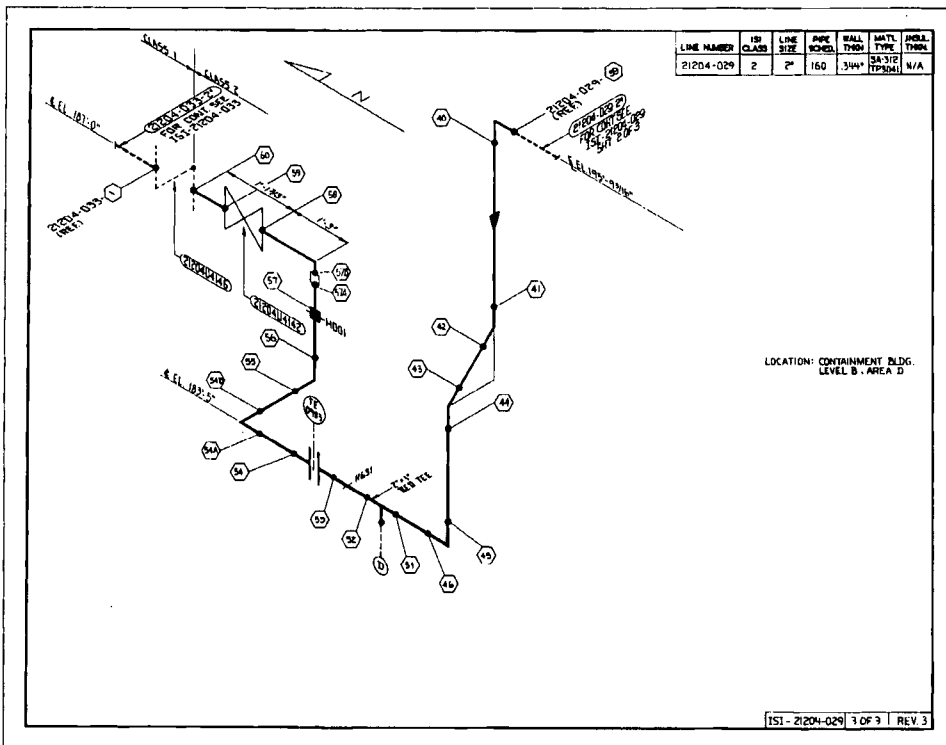
VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO.029
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION - SYS.1204

000000	CWD	000000	EJO	000000	WS
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NAME	DOB	PROPERTY	SHOWN NUMBER
NONE			151-31204-030

NONE	3	151-21204-029
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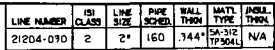
620-10212-151



REFERENCES:

PAID 2X405181
 FAB 150 214-1204-029-05
 HANGERS VZ-1204-029-1001
 VZ-1204-029-14051

Southern Company Services, Inc.	
George Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 029	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
REVISION	DESCRIPTION
1	ISSUED FOR INSPECTION
2	ADDED WELDS 51A, 51B & 51C
3	RELETED WELDS 51, 52, 53 & 54
4	ADDED WELDS 54A & 54B
5	ADDED HANGER 1031
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REFERENCES:

REFERENCES:
P&ID-----2K40B121
FAB ISO-----2K4-1204-030-03 (6) (A)

HANGERS-----V2-1204-030-H007 THRU
H016, H018 THRU H022, (A)
H024 THRU H028

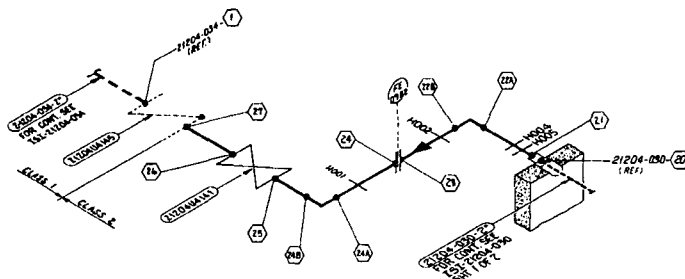
George Power Company																	
PERSONNEL	DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		
							REVISION 2		DATE 7-28-80				DATE 7-28-87		REVISION 0		
							ADDED WELD JTA AND DELETED HANGERS HOOD, HTA, HOZ AND REFERENCES					ADDED WELDS 15A ISB & DRAIN			ISSUED FOR INSPECTION		
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 030 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION - SYS. 1204																	
PREPARED BY CVD CHECKED EJO DESIGNED WS PROJECT NO. 1ST-21204-030																	
BY	JUN 1	JUN 2	JUN 3	JUN 4	JUN 5	BY	JUN 6	JUN 7	JUN 8	JUN 9	JUN 10	JUN 11	JUN 12	JUN 13	JUN 14	JUN 15	
JJA PAUL TEL																	
							RJB	MCH	JJC								
							EJO	VLS	CWD								
							NONE	2									

LOCATION: CONTAINMENT BLDG
LEVEL C AREA C

REFERENCES:

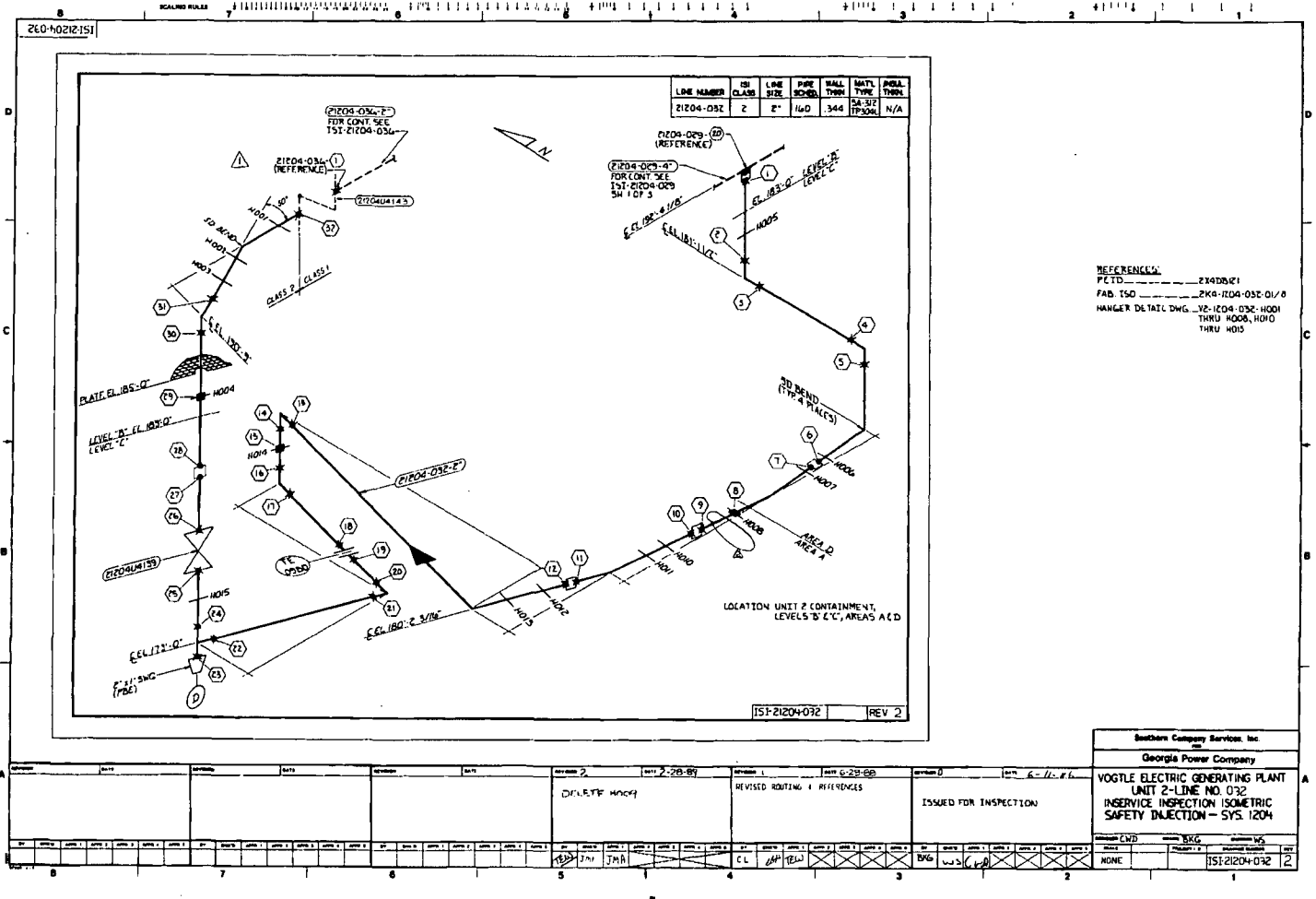
PAID.....2X4DBI2I
FAB ISO.....2K4-1204-090-02K

HANGERS.....V2-1204-090-H001, H002,
H004 & H005



ISI-21204-070	2 OF 2	REV 3
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[illegible]



TEACHING POINTS

REFERENCES

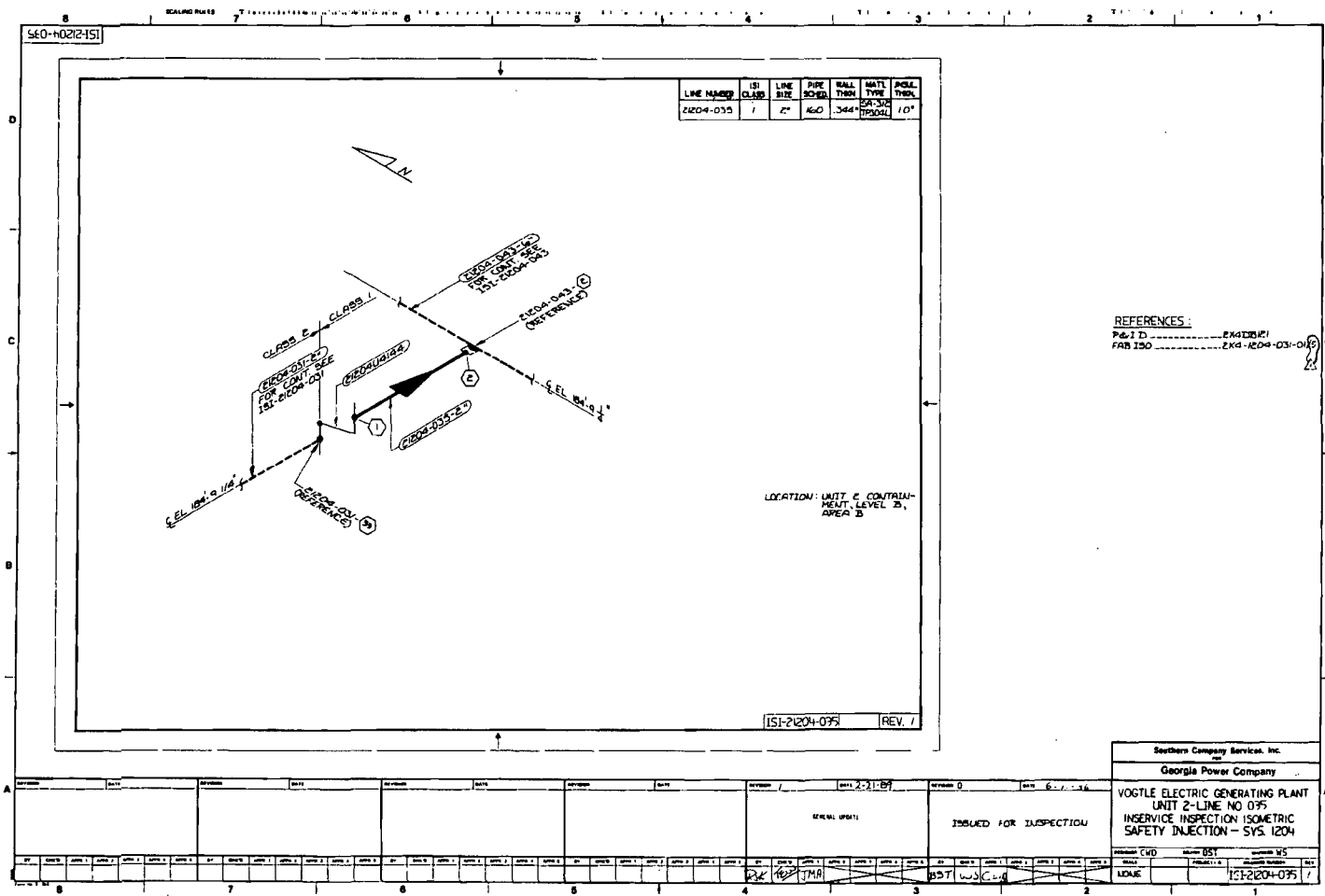
REFERENCES:
P&ID ----- EX4DBK1
FAB 130 ----- EK9-1209-079-034

LOCATION: UNIT 2 CONTAINMENT, LEVEL 3, AREA D

ISI-21204-033

REV. 1

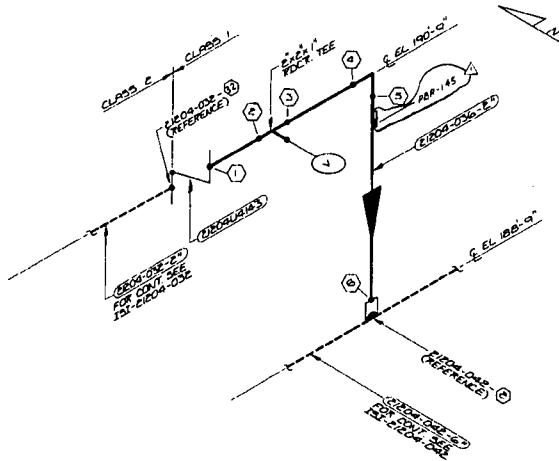
Southern Company Services, Inc. FNU			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO.033 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION - SYS. 1204			
DATE	BY	REVISION	
12/10/81	WFO	851	WFO
NAME	PROJECT	ISSUE	REVISION
NONE			151-21204-033



960-H0212-151

SCALING RULES

LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WALL THICK
21204-036	1	2"	Std	.344"	SA-312 TP304	10"



REFERENCES:
P & I D EX-412121
RWD 750 EX-4-1204-037019

LOCATION: UNIT 2, CONTRIN-MENT LEVEL B, AREA A

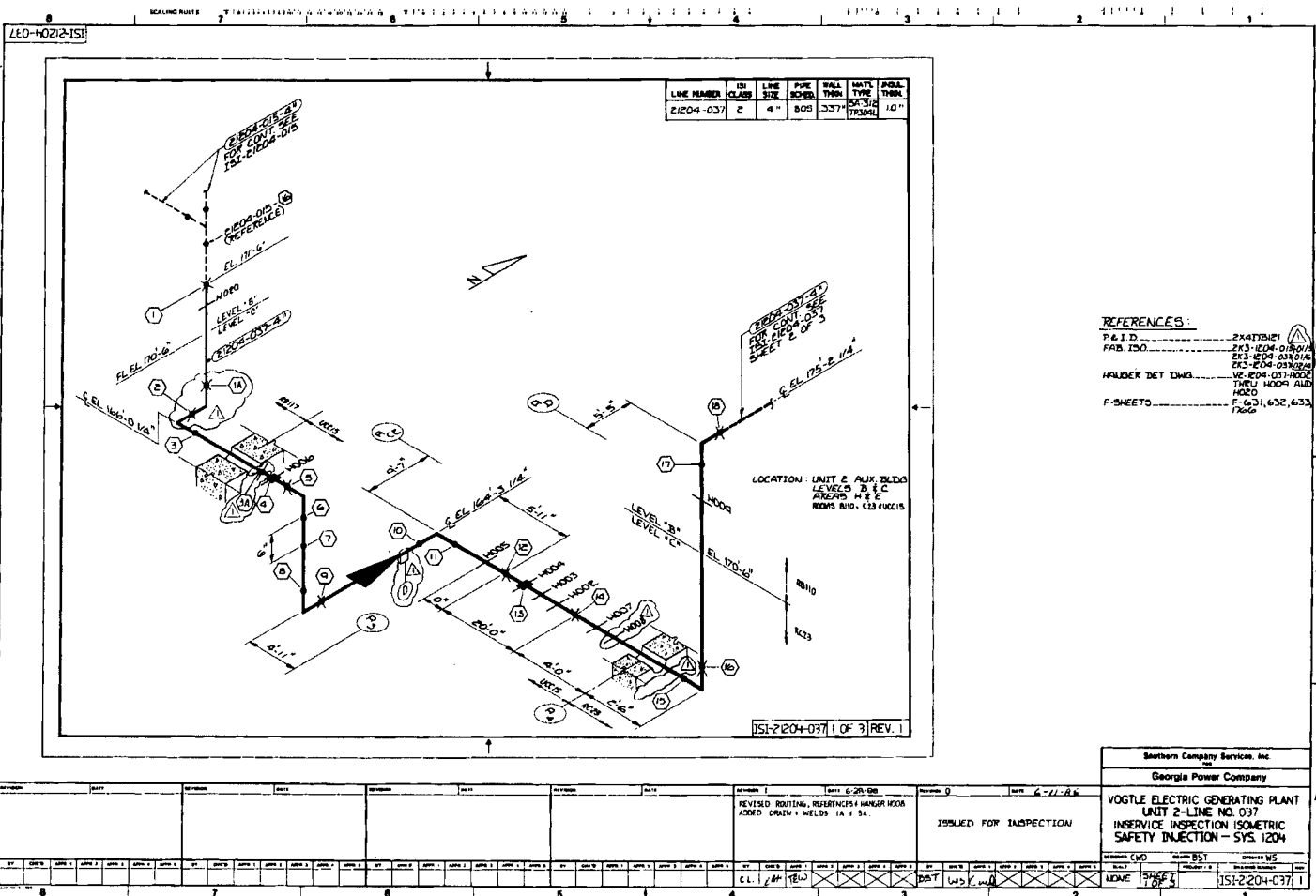
151-21204-036 REV. 1

Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 036
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION - SYS. 1204

ISSUED FOR INSPECTION
2/21/1999
C-11-R6
2/21/1999
W.S.C. 100

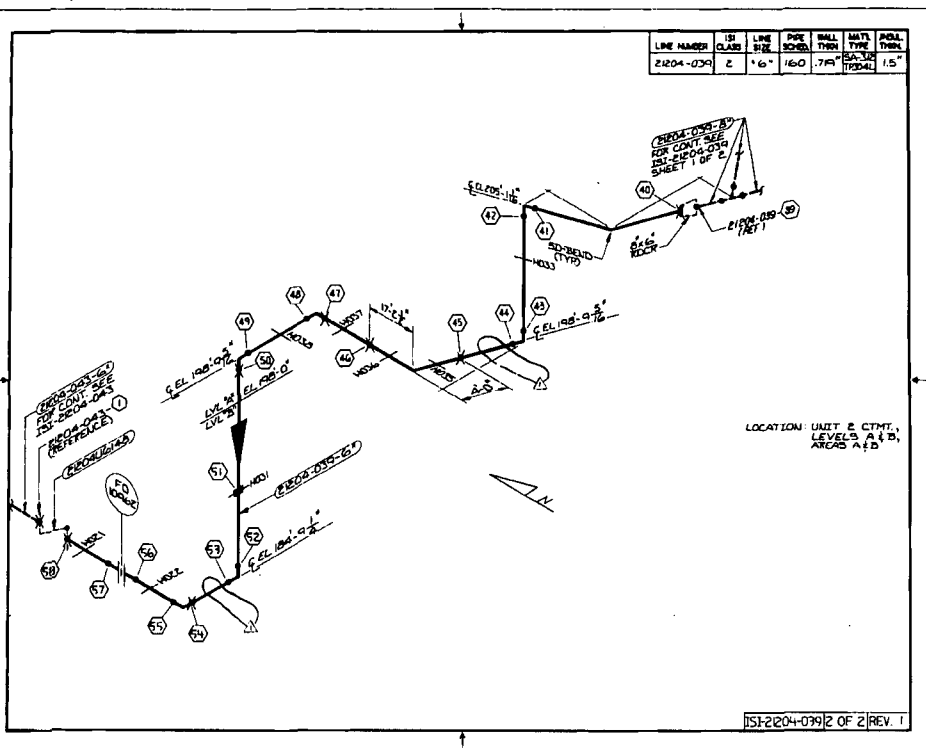
151-21204-036



610-4022-151

SCALING RULES

LINE NUMBER	IS	LINE CLASS	PK	SHALL	WALL	THIN	THIN
21204-039	2	6"	160	.75"	1.5"		



LOCATION: UNIT 2 CTMT, LEVELS A & D, AREAS A & D

ISI-21204-039 2 OF 2 REV. 1

REFERENCES:

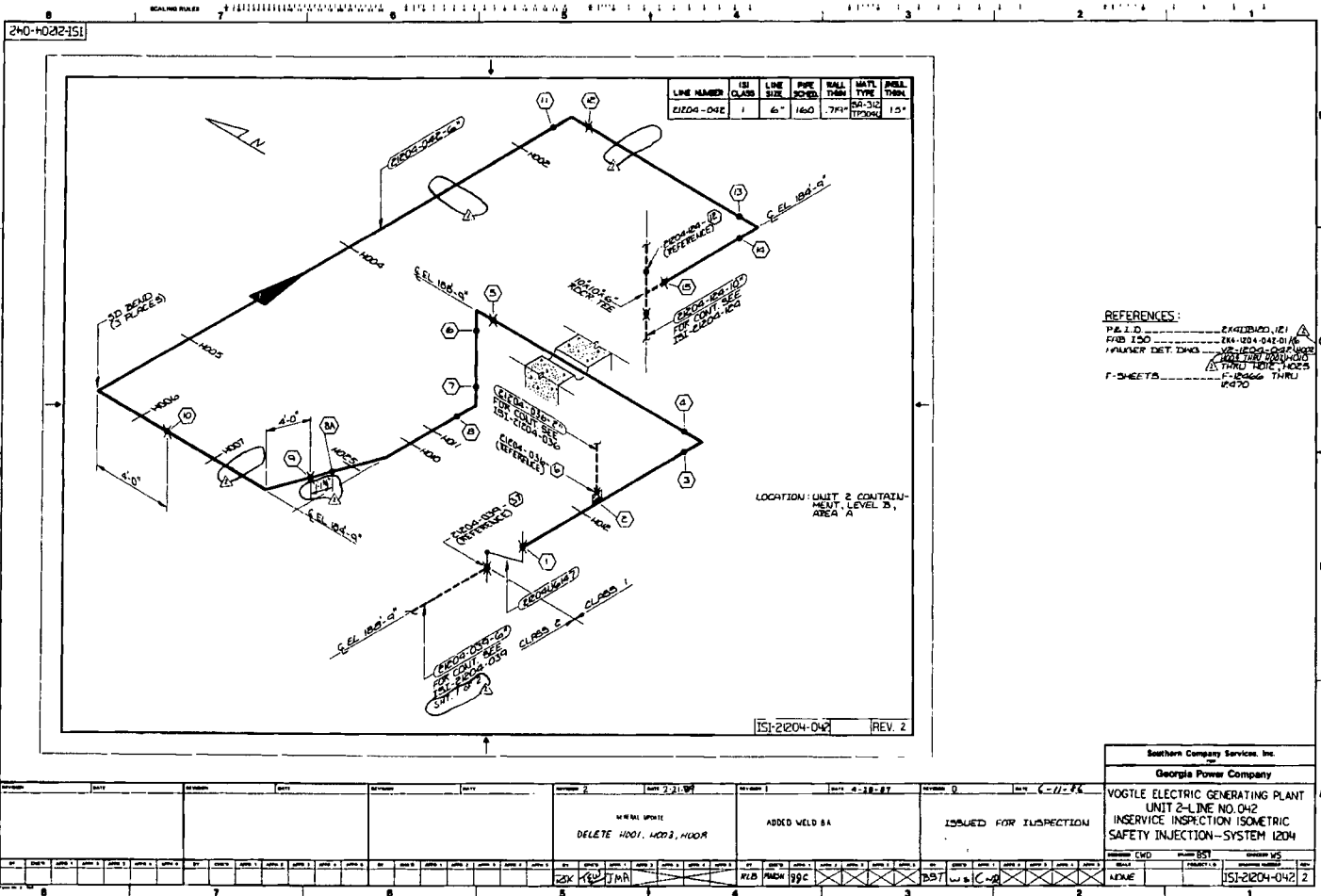
- P&ID - EX-412521
- FAB 180 - FMS-1204-035-01
- HANGER DET. DND - FMS-1204-035-01
- F-SHEETS - F-1204-035-01

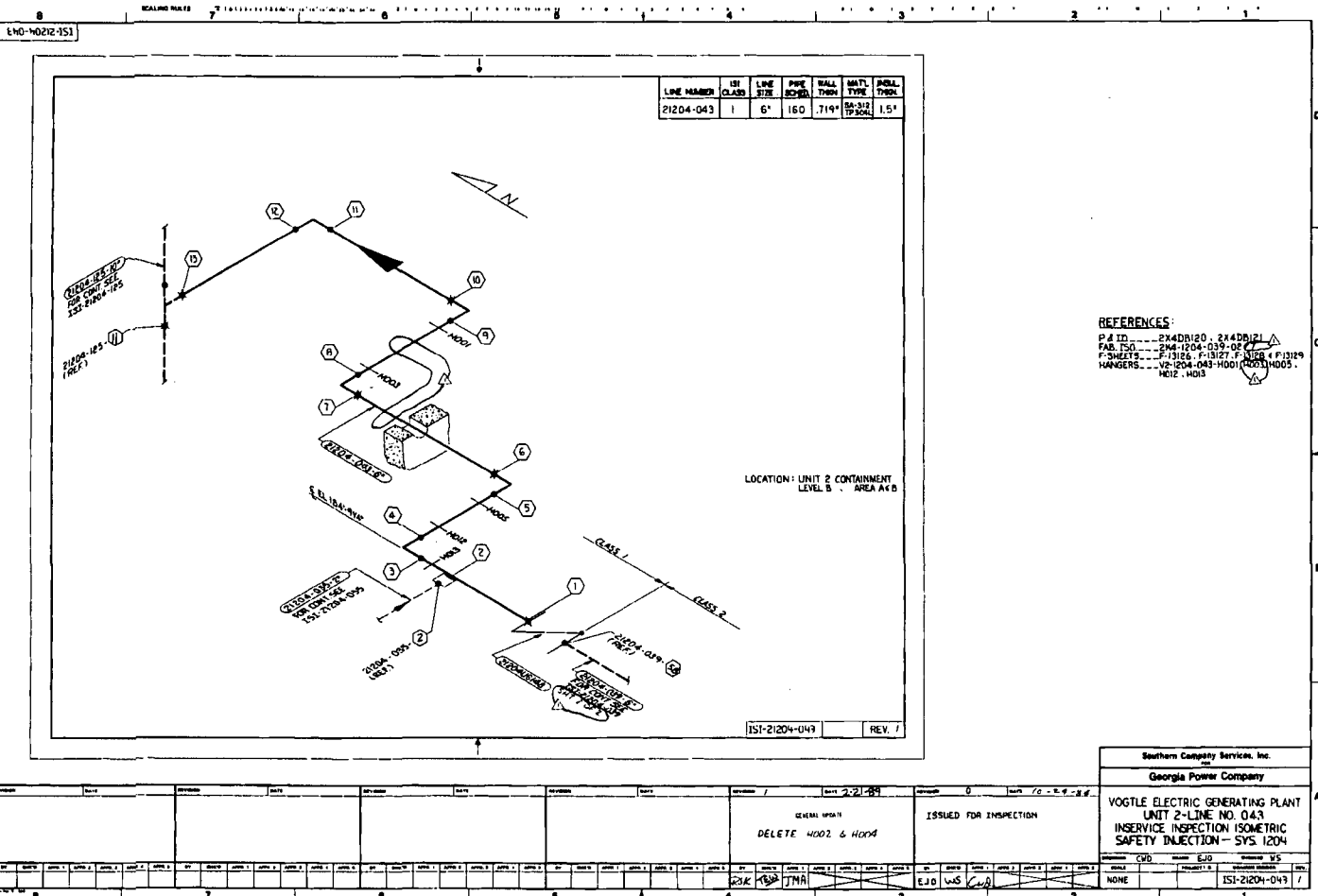
Southern Company Services, Inc.

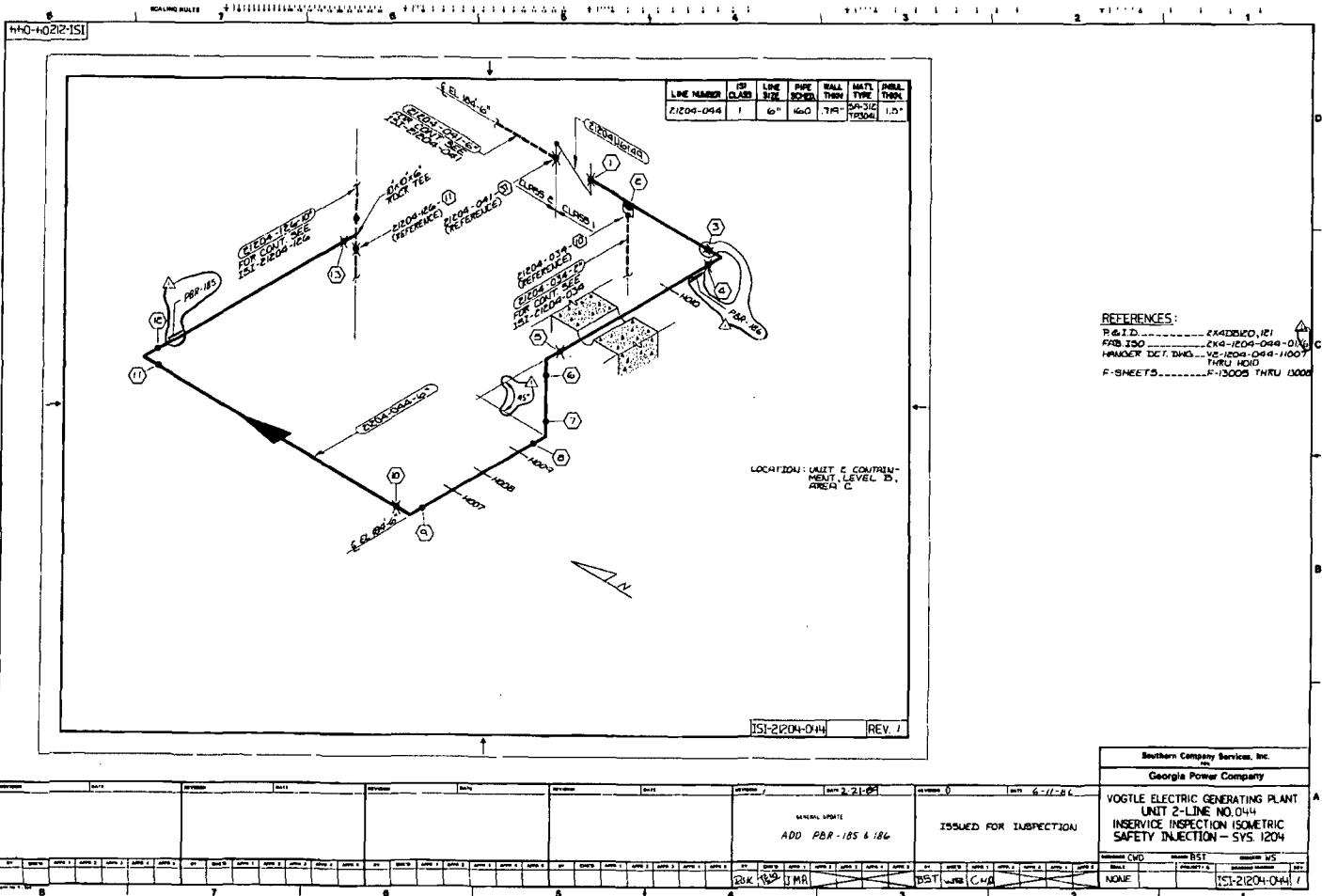
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 039
INSERVICE INSPECTION ISOMETRIC
SAFETY DETECTION - SYS 1204

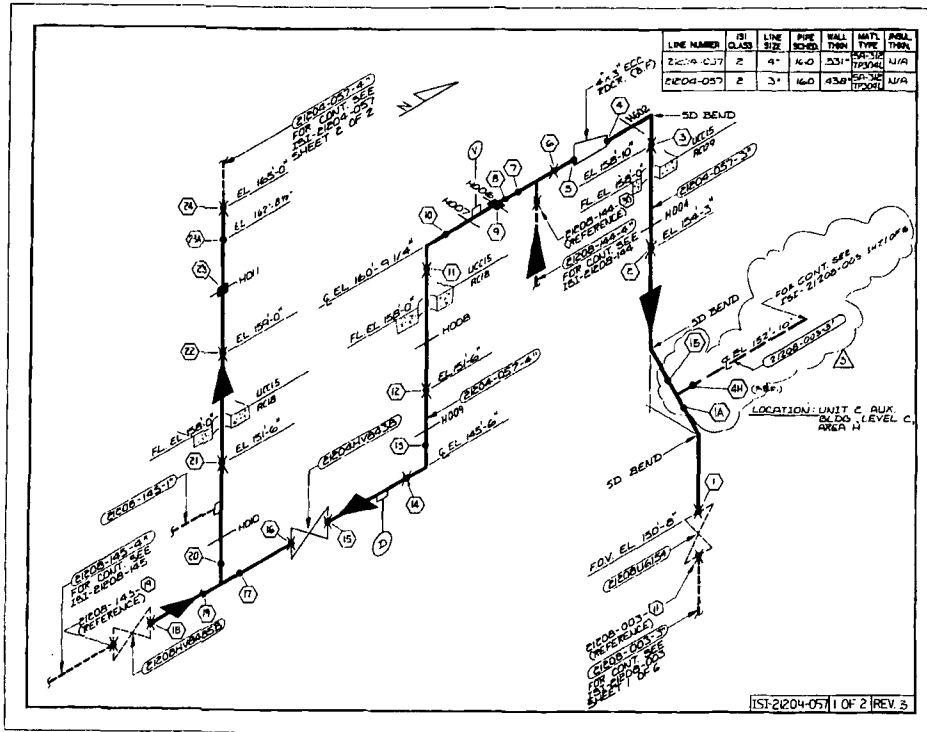
REVISION CND
NOUVE
SHEET 2 OF 2
ISI-21204-039 1







150-H022151



NOTE: FOR WELDS 1 THRU 6, THE NUMBERING IS OPPOSITE OF FLOW.

REFERENCES:

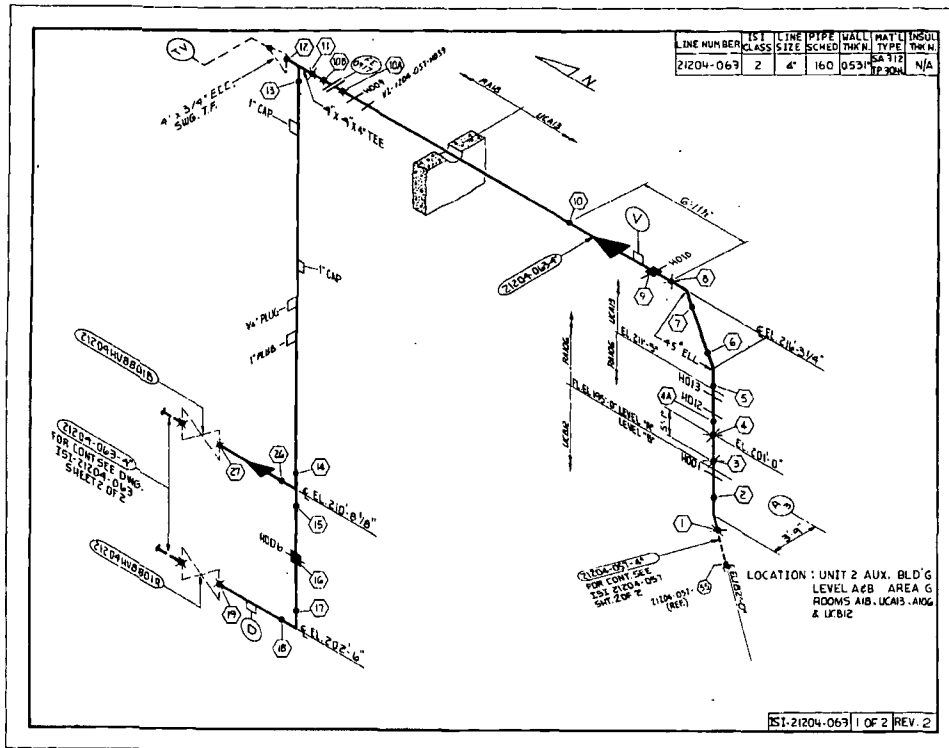
1. E.I.D. - 2X42B/14-1, 16-2
2. E.I.D. - 2X3-K04 037-02/8
3. HANDBOOK DET. DWG. - 2X-K04-057-0009
4. WORK THRU H01-H602
5. F-SHEETS - 5630, 5631, 5632, 5640, 5641, 5642

1512204-057 1 OF 2 REV. 3

Brother Company Service, Inc.	
Georgia Power Company	
VOGUE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 057	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
DATE: 1/1/64	BY: J. J. J.
NO. 1512204-057	3

NO.	DATE	DESCRIPTION	BY	CHKD.	APP'D.	REVISION
1	1/1/64	REVISED LINE 21204-057-31	J. J. J.			
2	1/1/64	7180-14 LINE 21204-057-31	J. J. J.			
3	1/1/64	ADD WELDS 1A AND 1B	J. J. J.			
4	1/1/64	DELETE H005	J. J. J.			
5	1/1/64	ADD H602	J. J. J.			
6	1/1/64	ADD WELD 17A, HANDBOOK, UNIT 1 ELEV	J. J. J.			
7	1/1/64	RELOCATED HANDBOOK H004 & H005	J. J. J.			
8	1/1/64	REVISED REFERENCES & FLOW	J. J. J.			
9	1/1/64	ISSUED FOR INSPECTION	J. J. J.			

ISO-H0212-151



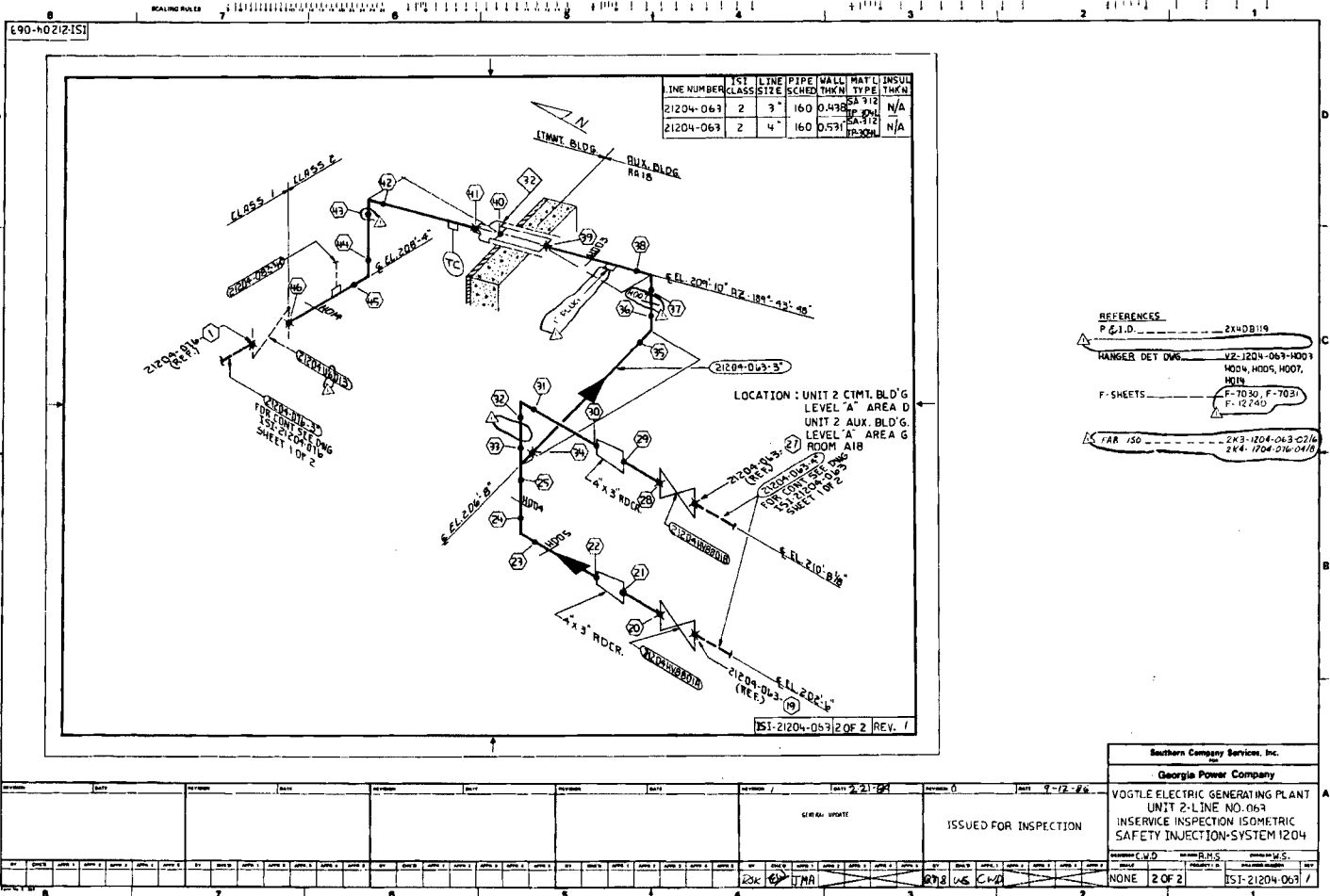
LINE NUMBER	CLASS	SIZE	SCHED	THICK	MAT'L	INSUL
21204-063	2	4"	160	0531	SA T12	N/A

REFERENCES
 P.C.I.D. ----- 2X4DB119
 FAB ISO. ----- 2K9-21204-063-02/6
 HANGER DET. DWG. ----- V2-1204-063-H001
 H006, H009, H010, H012, H013
 F-SHEETS ----- F-4940, F-7028, F-7027, F-7029

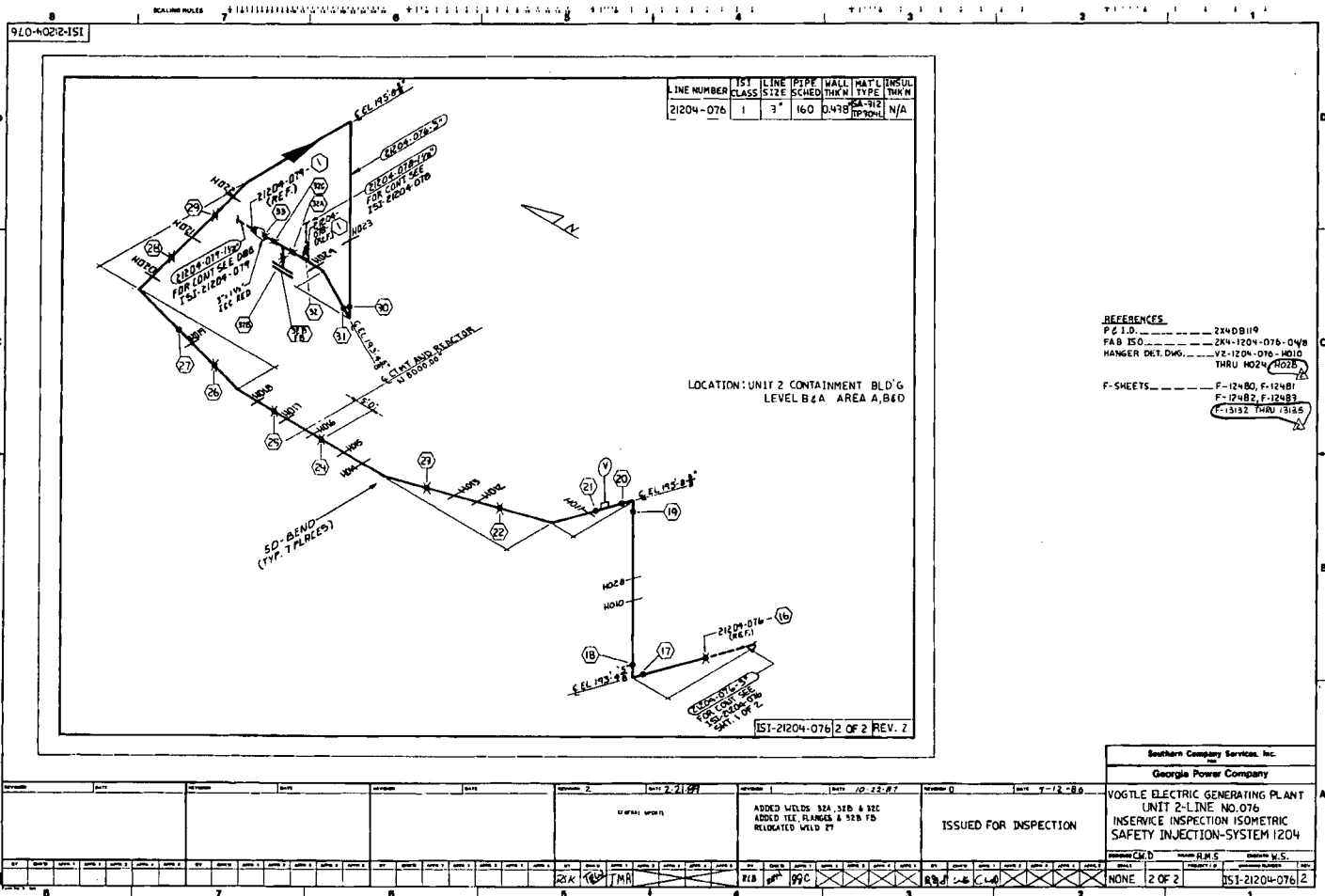
ISI-21204-063 1 OF 2 REV. 2

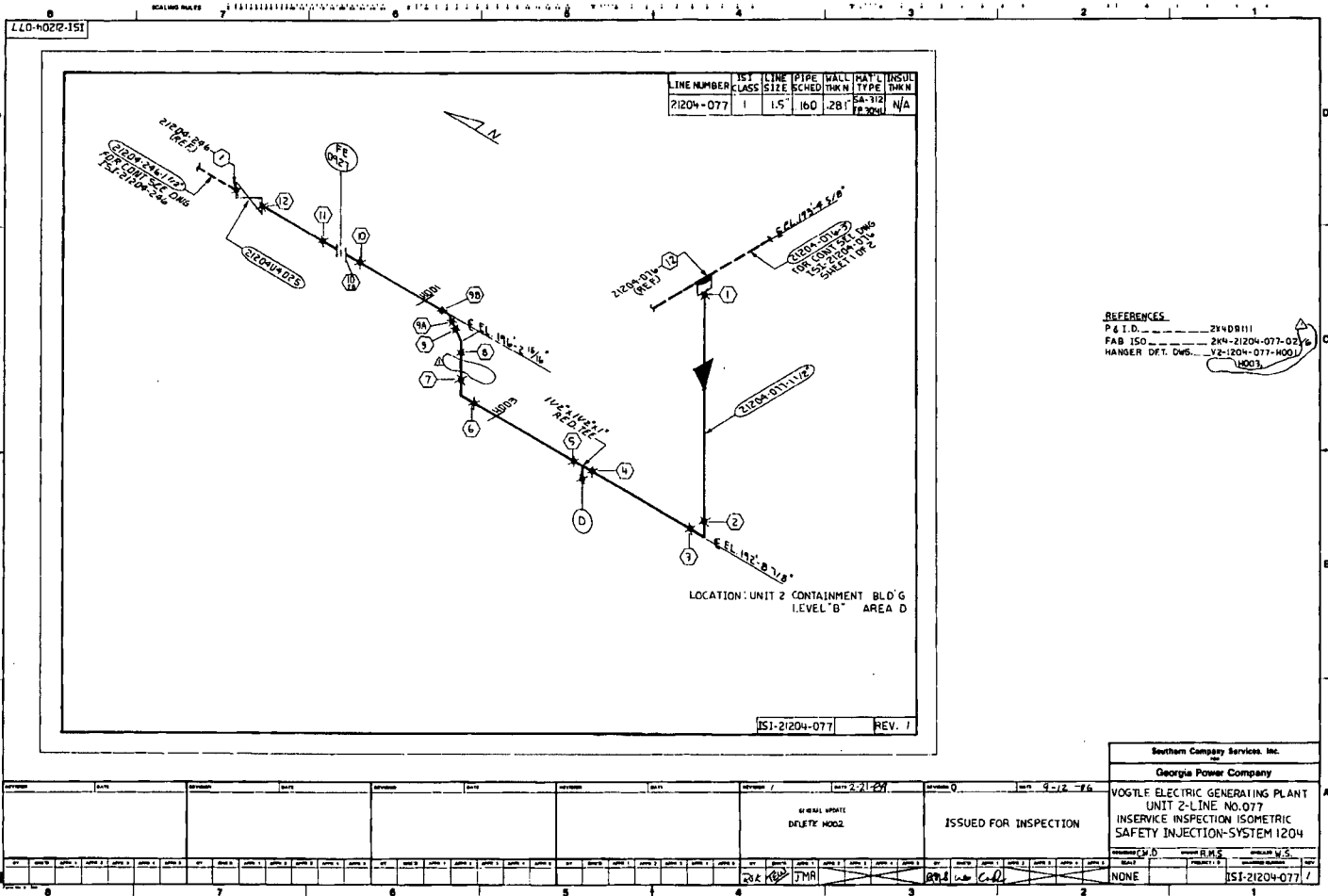
Southern Company Services, Inc.	
Georgia Power Company	
VOSTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO.063 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION-SYSTEM 1204	
REVISION	DATE
1	2-28-89
2	3-12-89

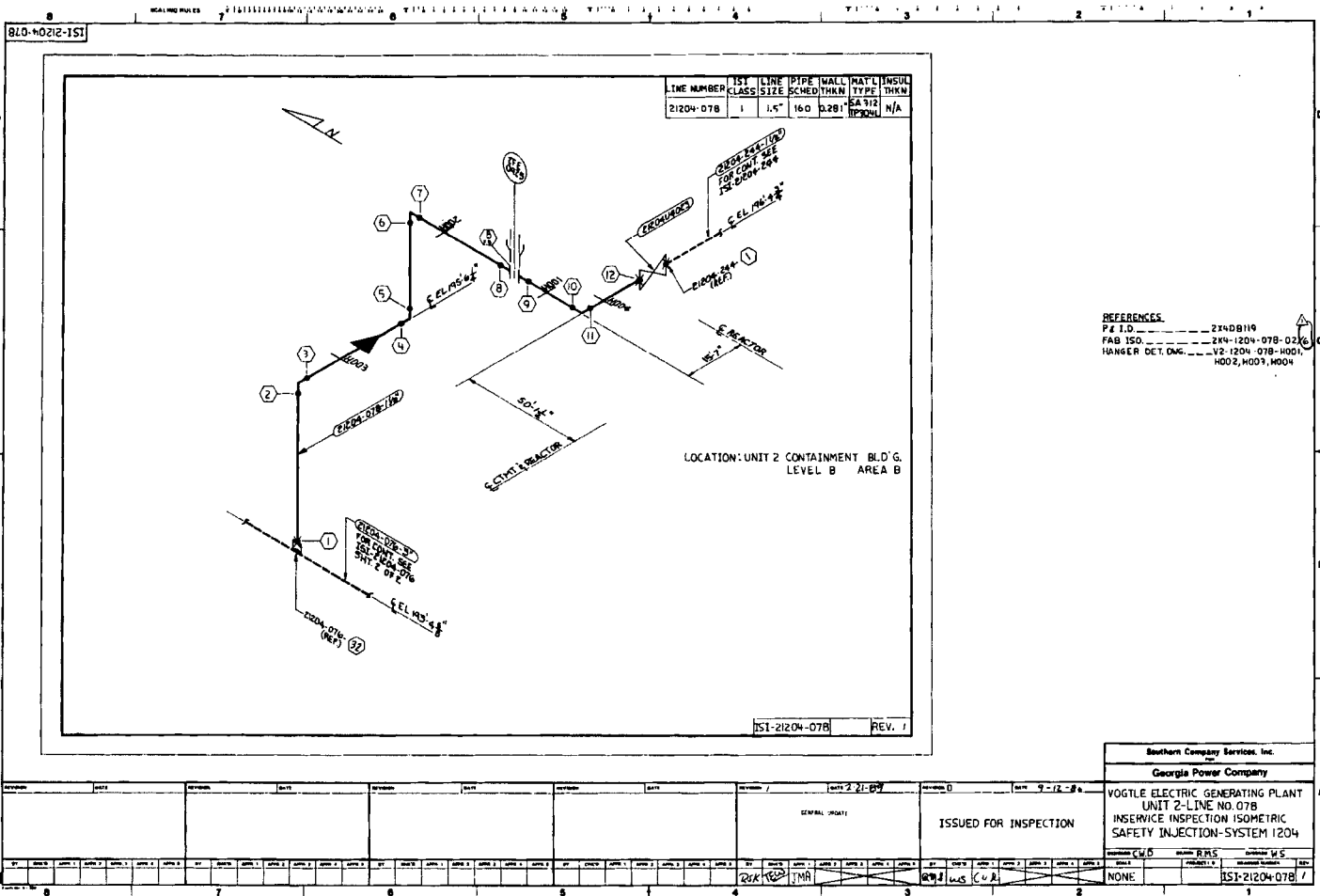
REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	2-28-89	GENERAL UPDATE	JMK	THA	
2	3-12-89	ISSUED FOR INSPECTION			

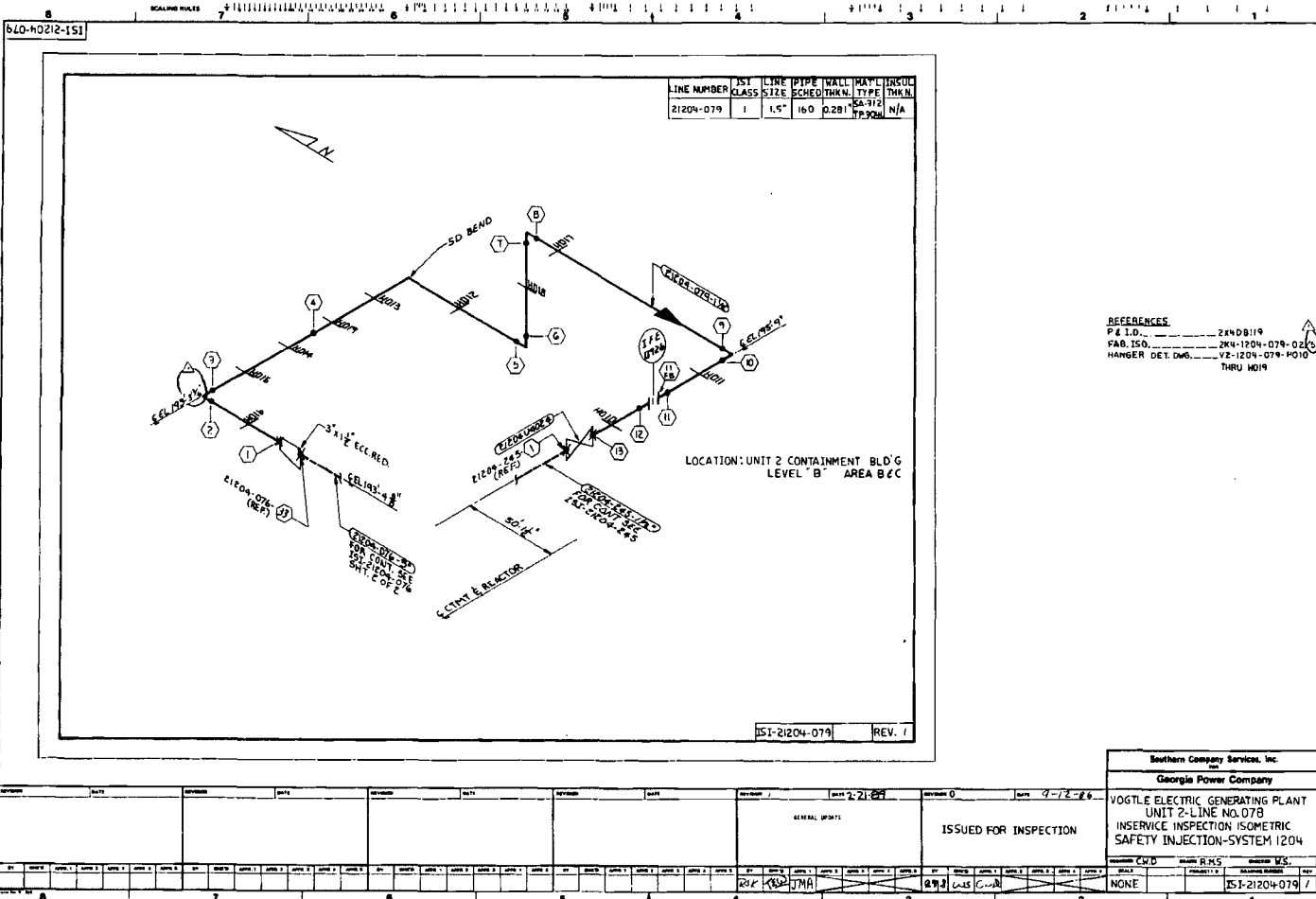


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 063	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION-SYSTEM 1204	
REVISION C.W.D.	REVISION B.H.S.
REVISION M.S.	REVISION M.S.
NONE	2 OF 2
IS-21204-063 1	

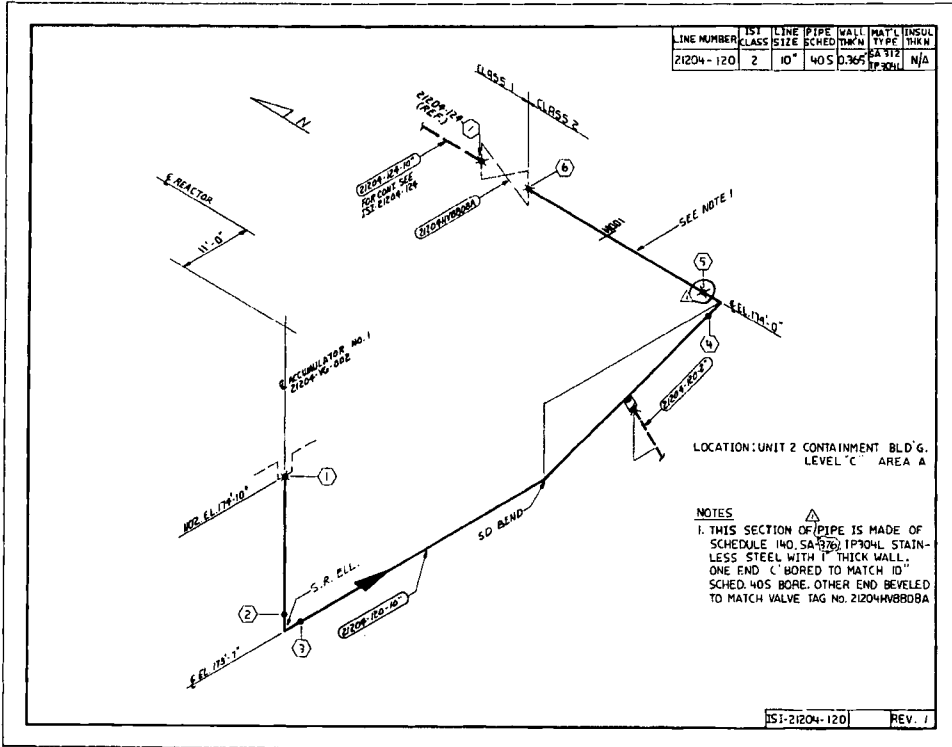








021-H0212-151



REFERENCES

P&ID: 21408120
FAB ISO: 214-21204-120-02
HANGER DET. DWG: V2-1204-120-H001
F-SHEET: P-0589

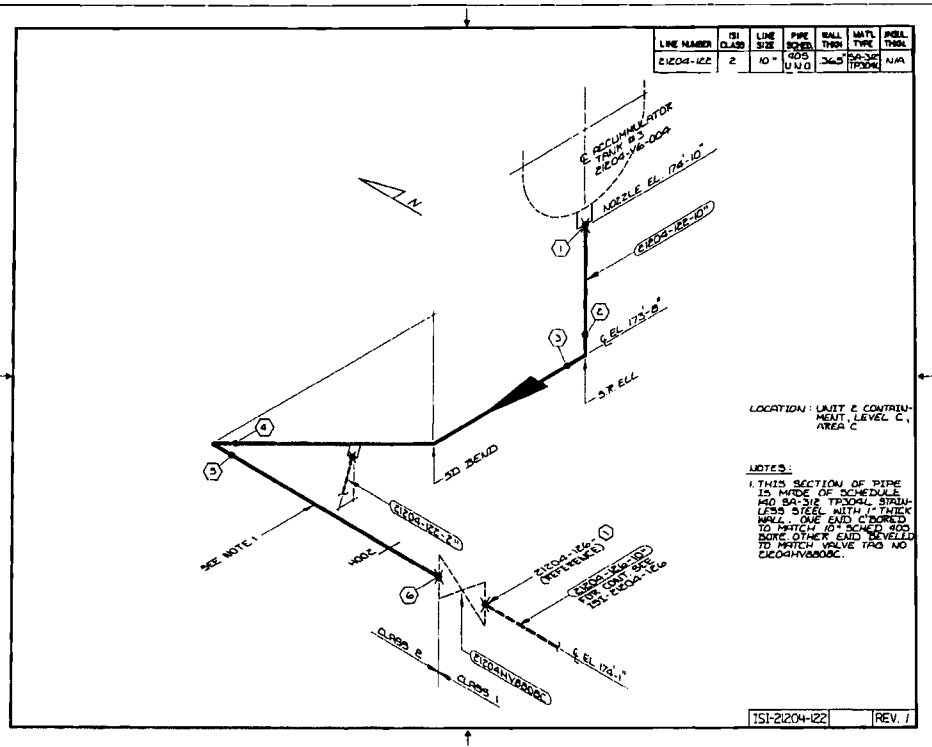
Southern Company Services, Inc.
Georgia Power Company

VOGTE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO 120
INSERVICE INSPECTION ISOMETRIC
SAFETY INJECTION-SYSTEM 1204

ISSUED FOR INSPECTION

DATE: 11-28-86
BY: RIK
CHECKED: JMA
APPROVED: WSC
NONE
151-21204-120 /

22-1022-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL. TYPE	INSUL. THIN.
21204-122	2	10"	40S	U.V.O.	304S	TIPOK

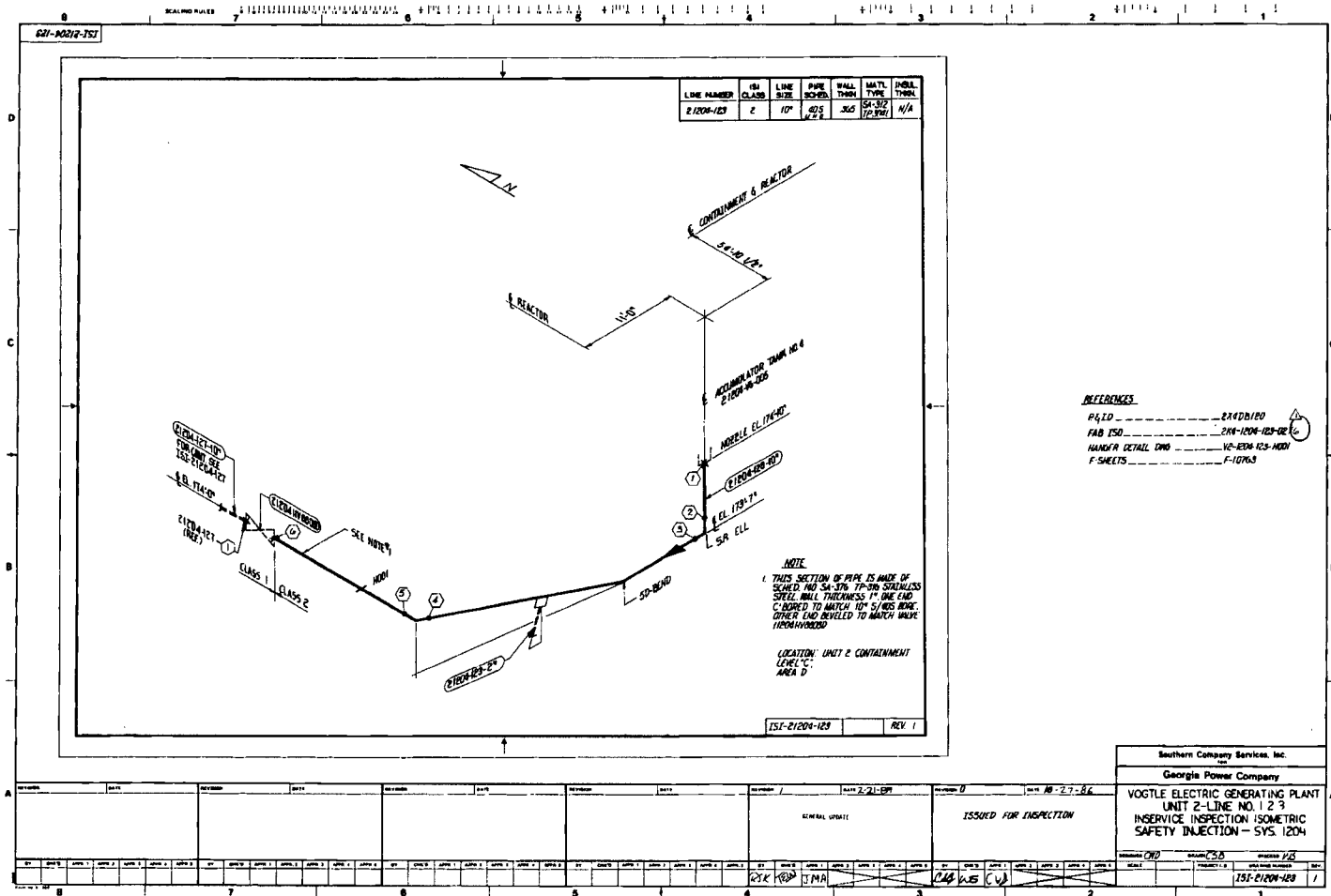
REFERENCES:
 P & I D. ----- 2X40DB/20
 RFB 130 ----- 2X40-1204-121 U.V.O.
 HANDBOOK DET. TMSO ----- VE-1204-122-1002
 F-SHETS ----- F-6590

LOCATION: UNIT 2 CONTAINMENT, LEVEL C, AREA C

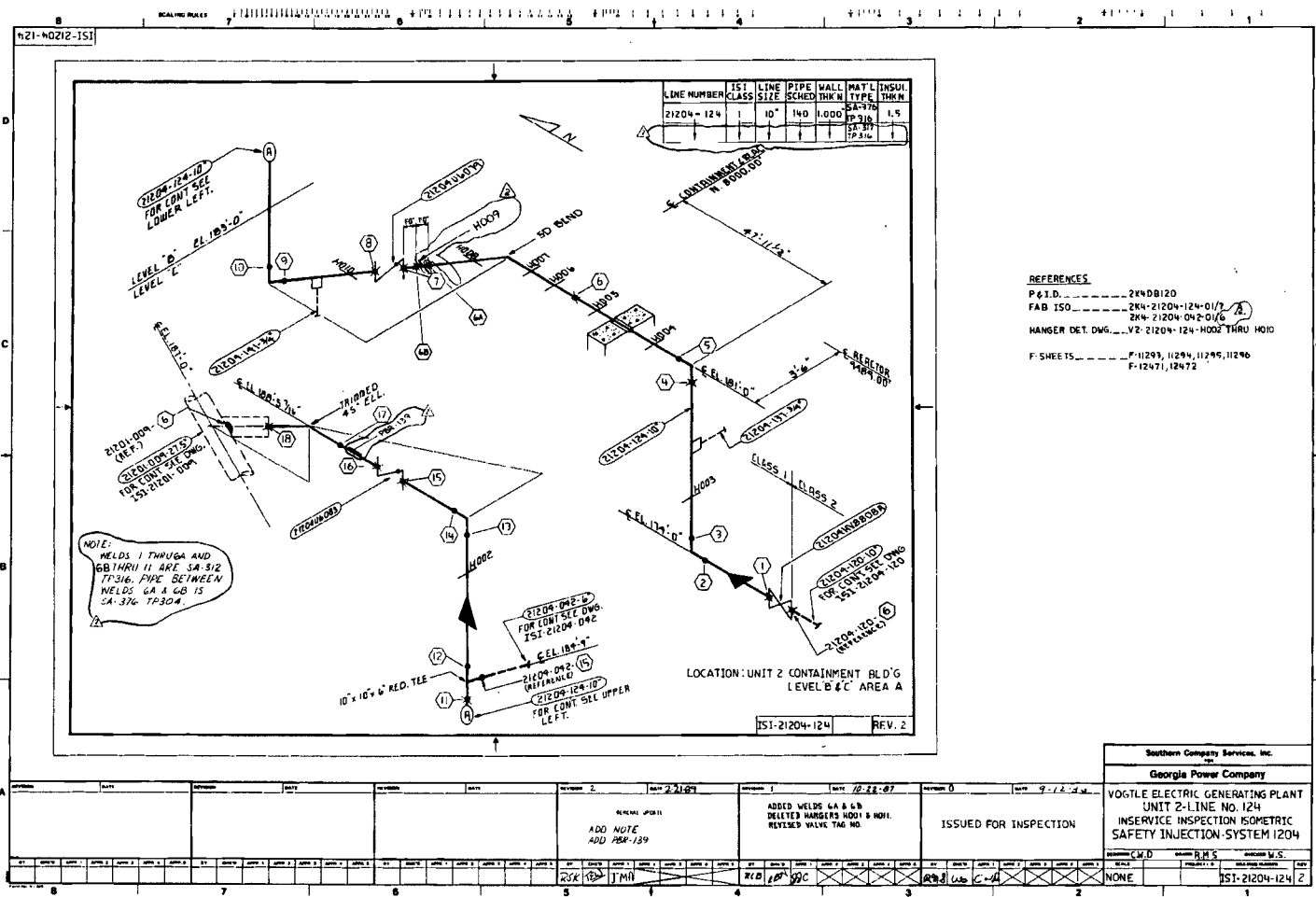
NOTES:
 1. THIS SECTION OF PIPE IS MADE OF SCHEDULE 40S 10" PIPE, STRAIGHT, LESS STEEL WITH 1" THICK WALL. ONE END WELDED TO MATCH 10" SCHED. 40S. INSURE OTHER END WELDED TO MATCH VALVE TAG NO. 21204HV8808C.

ISI-21204-122 REV. 1

Southern Company Services, Inc.											
Georgia Power Company											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 2-LINE NO. 122											
INSERVICE INSPECTION ISOMETRIC											
SAFETY INJECTION - SYS. 1204											
REVISION CVD BY BSI											
DATE 6-11-86											
ISSUED FOR INSPECTION											
21204-122 1											



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 123	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
REVISION	DATE
1	12/1/83
2	12/1/83
3	12/1/83
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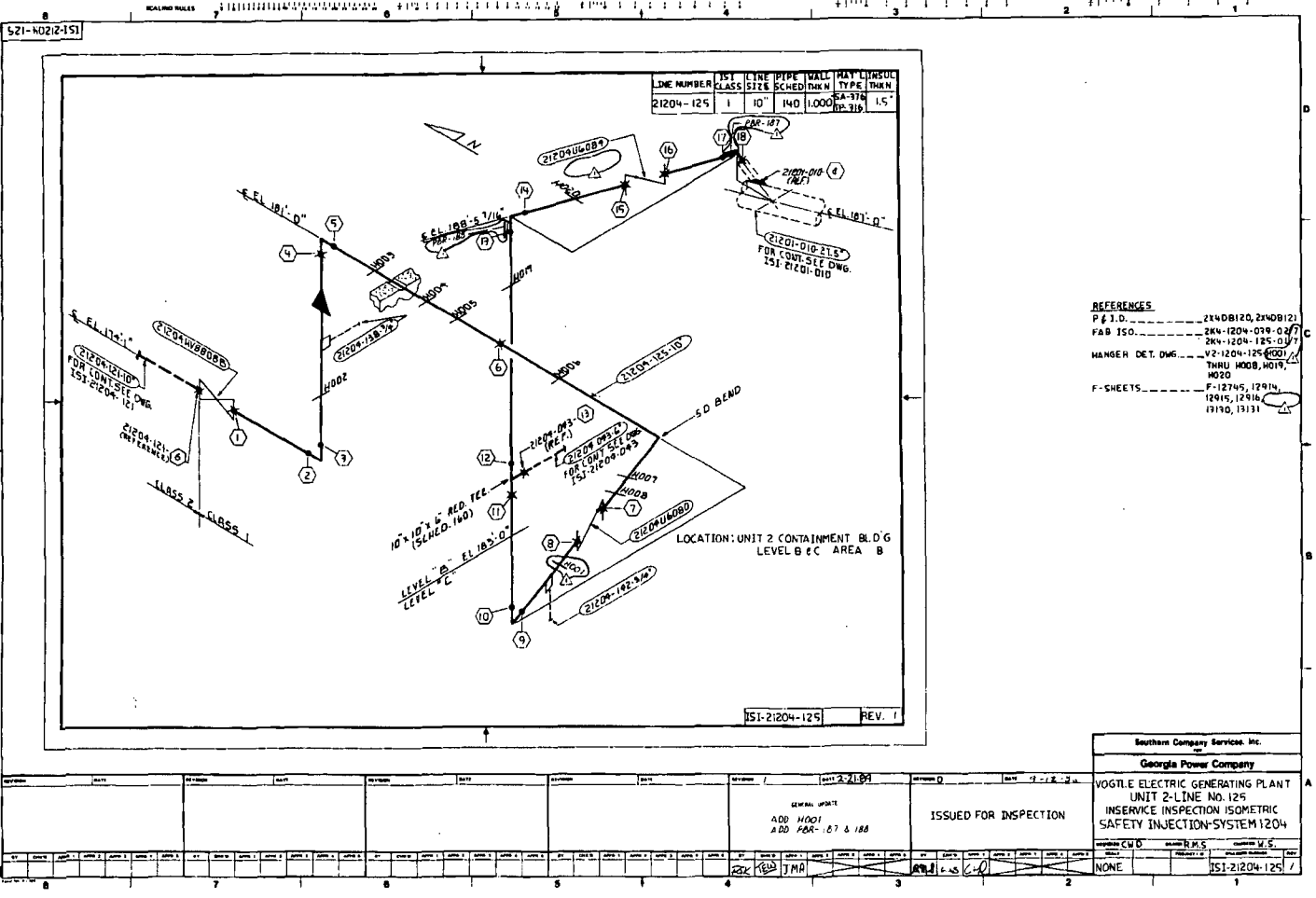


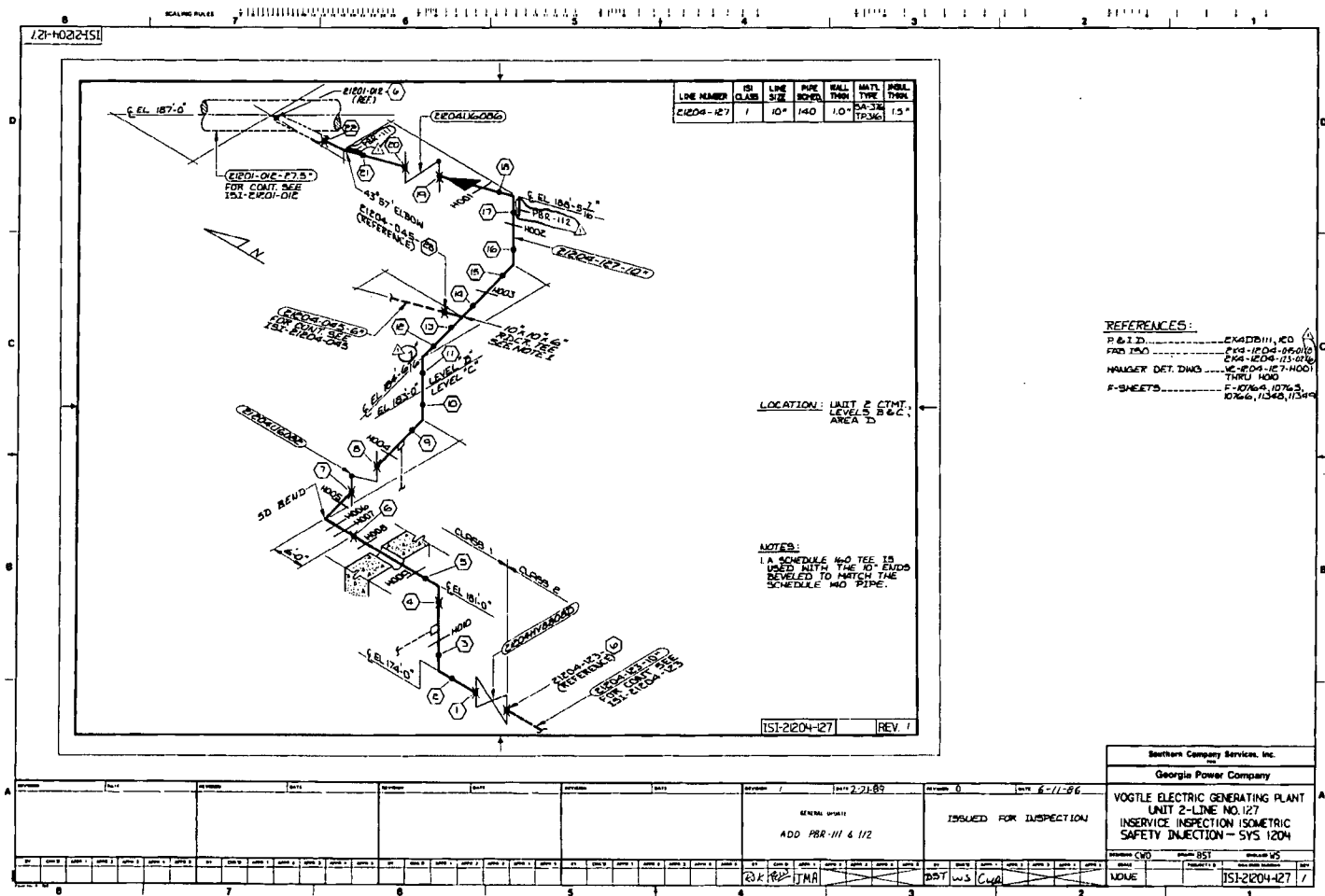
REFERENCES
 P&ID: 2K4DB120
 FAB ISO: 2K4-21204-124-01/2
 HANGER DET. DWG: 2K4-21204-124-H002 THRU H010
 F. SHEETS: F-11293, 11294, 11295, 11296
 F-12471, 12472

LOCATION: UNIT 2 CONTAINMENT BLD'G
 LEVEL B & C AREA A

21204-124 REV. 2

Southern Company Services, Inc. Georgia Power Company											
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 124 INSERVICE INSPECTION ISOMETRIC SAFETY INJECTION SYSTEM I204											
CM/D: [blank] R.M.S: [blank] M.S: [blank] NONE [blank] [blank] [blank] [blank] [blank] [blank] [blank] [blank] [blank] [blank] [blank] [blank]											
21204-124 2											

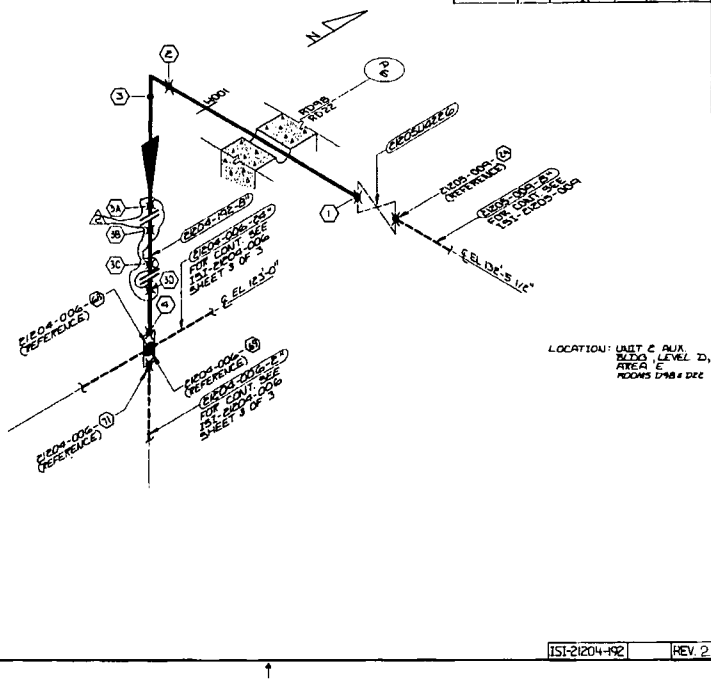




261-1022-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCH.	RALL THIN	WALL TYPE	PGAL TYPE
261-1022-151	E	8"	40S	322	TP304	N/A



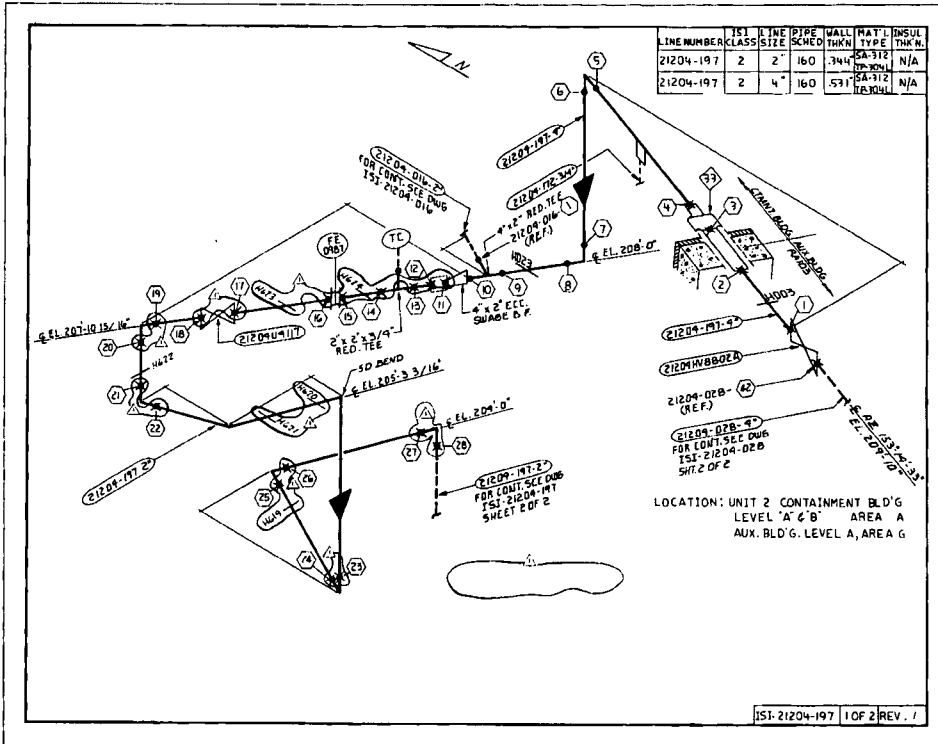
REFERENCES:

P&ID: 261-1022-151, I.E.E.
 FAB. 150: 261-1022-151, I.E.E.
 MANGER DET. DWG: 261-1022-151, I.E.E.
 F-SHEETS: 261-1022-151, I.E.E.

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 192	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
CHD	BST
DATE	261-1022-151
NO.	2

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	12-28-89	GENERAL UPDATE			
2	6-11-86	ISSUED FOR INSPECTION			

261-40212-151



LINE NUMBER	IS1	LINE CLASS	PIPE SIZE	WALL THKN	MAT. TYPE	INSUL. THKN
21204-197	2	2	160	3/4"	SA-312	N/A
21204-197	2	4	160	5/8"	SA-312	N/A

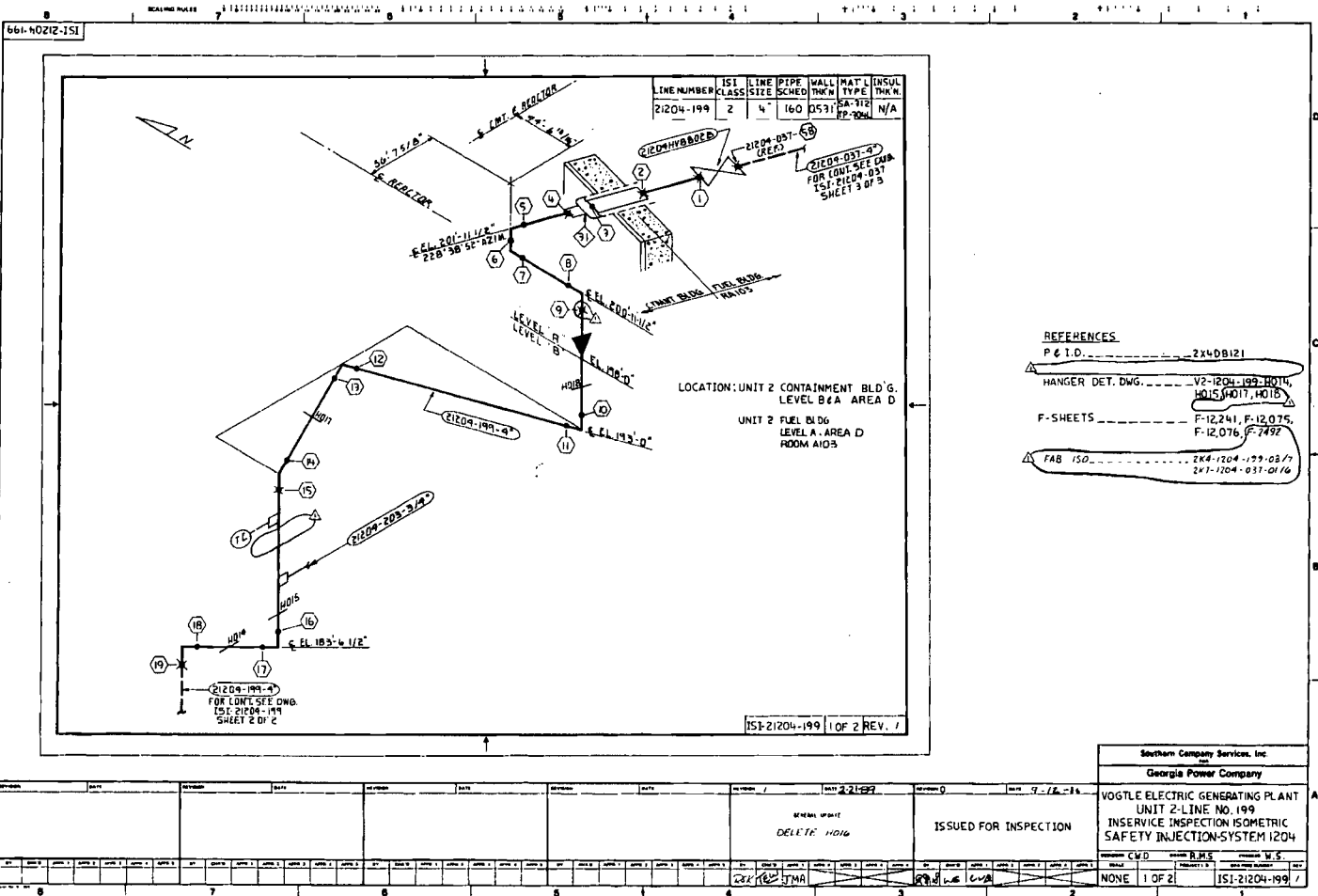
REFERENCES

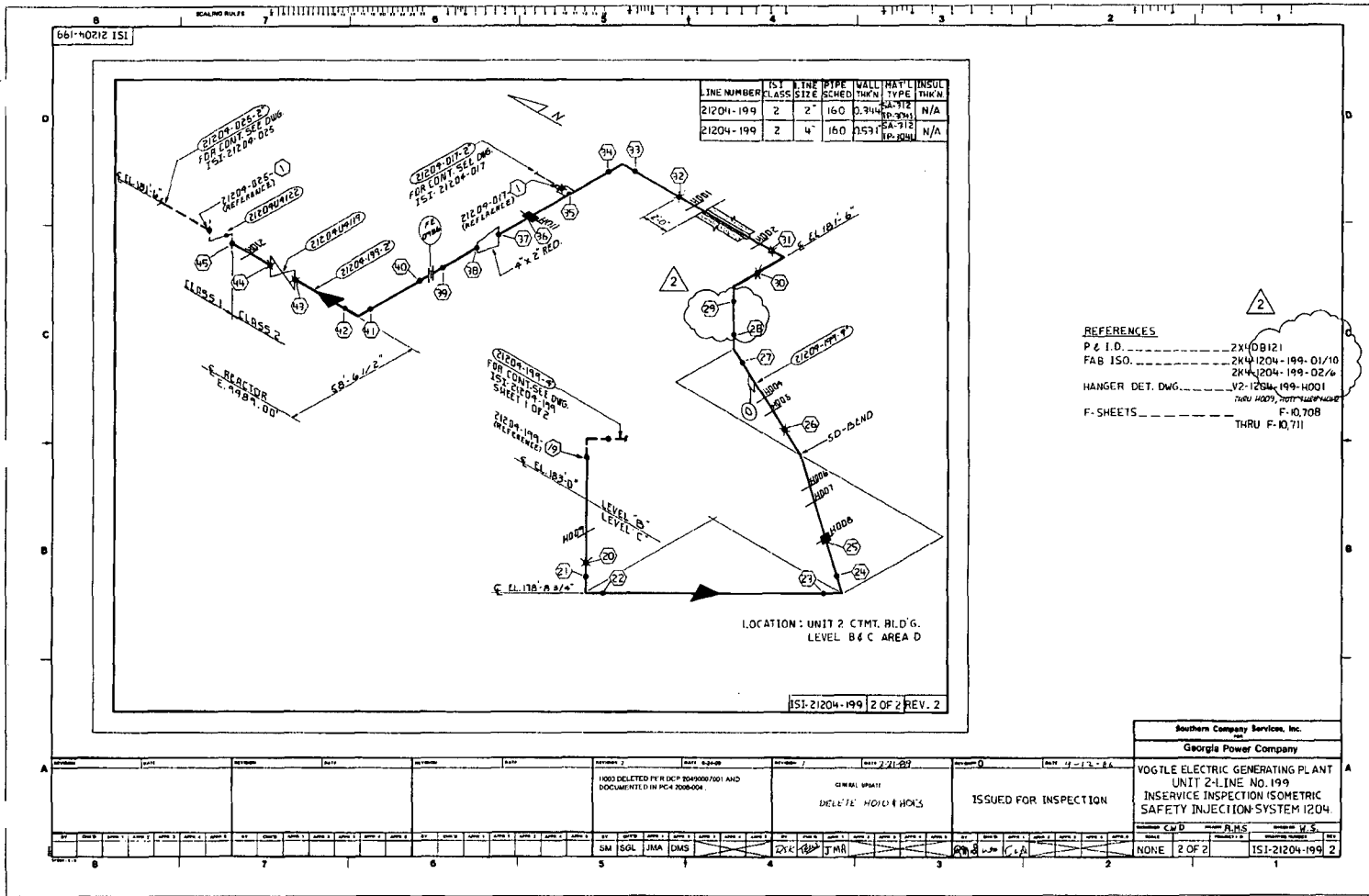
- P & I.D. ----- 2X408121
- FAB ISO. ----- 2K4-1204-197-0214
- 2K4-1204-197-0214
- 2K4-1204-197-0214
- HANGER DET. DWG. ----- V2-1204-197-H003
- H023-1204-197-H003
- F-SHEETS ----- F-6604 F-1325

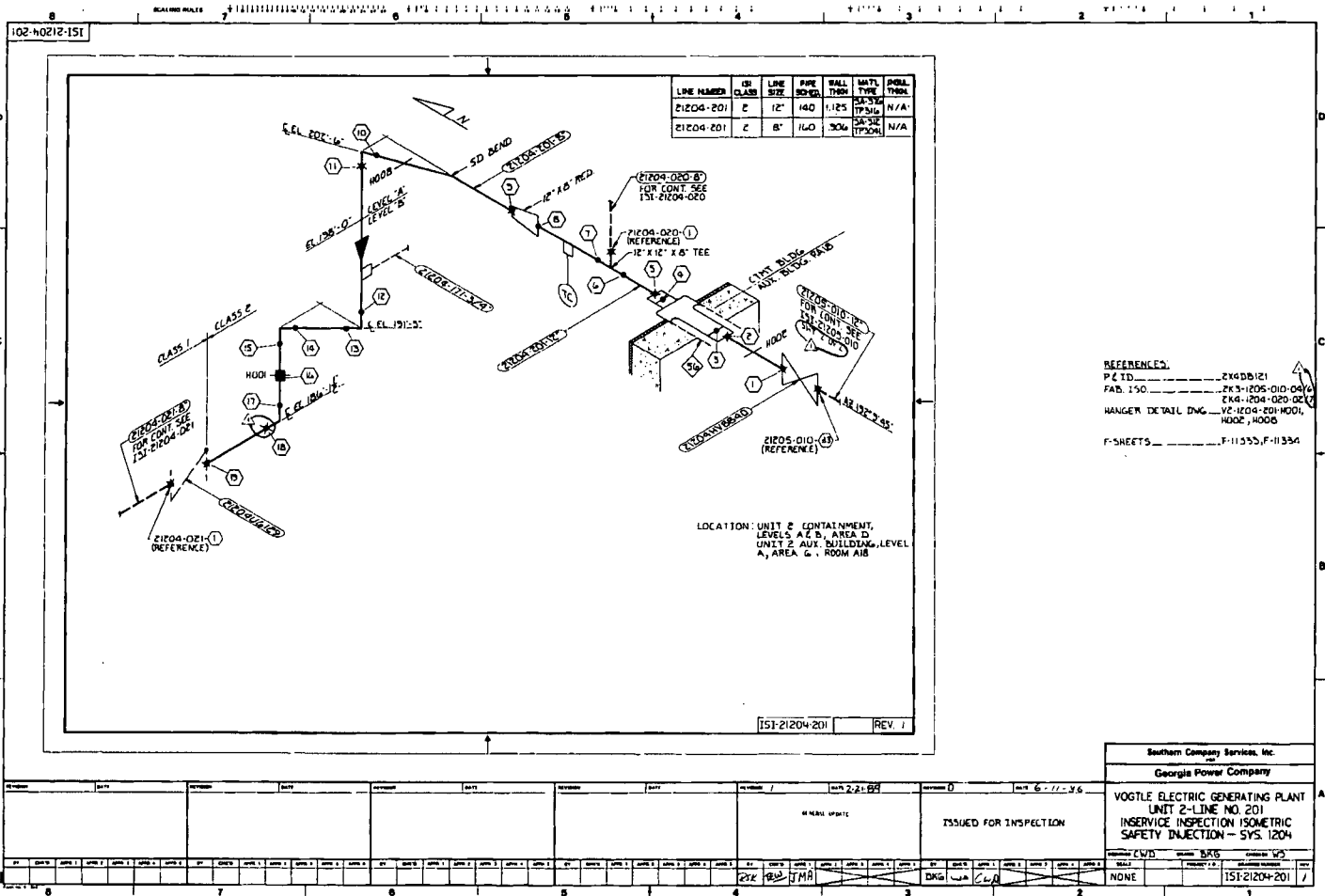
LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL 'A' & 'B' AREA A
AUX. BLD'G. LEVEL A, AREA G

IS1-21204-197 1 OF 2 REV. 1

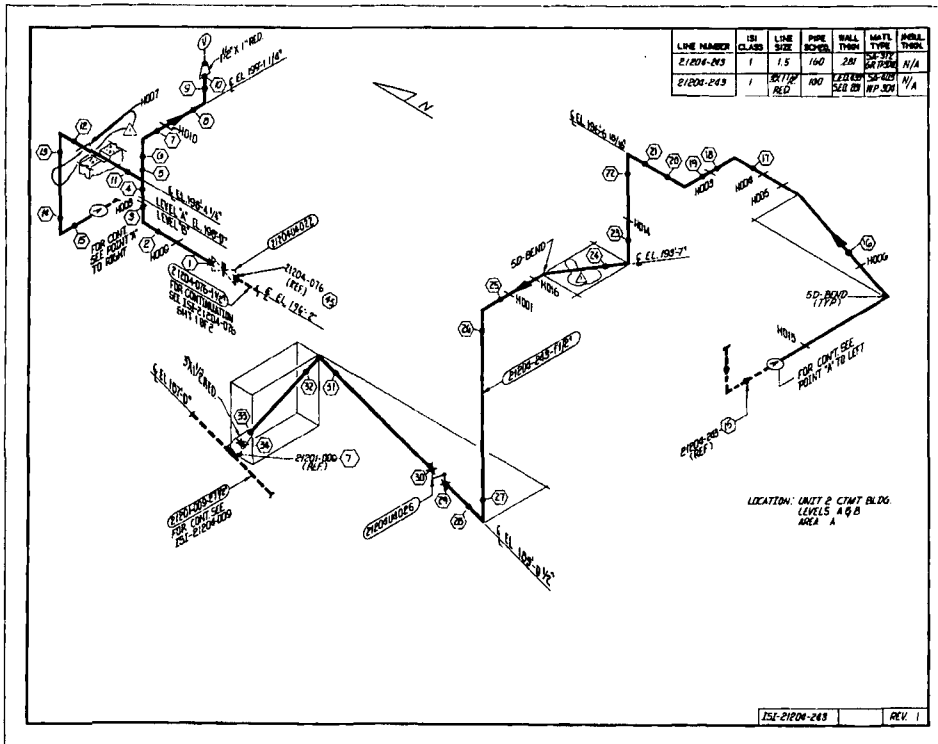
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 197	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION SYSTEM 1204	
DATE: 2-21-87	ISSUED FOR INSPECTION
ADD H619 THERM H674	
BY: RYK JMA	BY: JMA
CHECKED: JMA	CHECKED: JMA
APPROVED: JMA	APPROVED: JMA
NONE 1 OF 2	IS1-21204-197 1







CR2-00212-151



REVISIONS

PGTD ----- 21400111, 119
 FAB ISO ----- 214-000-070-02/15
 HANDED DET DWS ----- 214-000-070-02/15
 HANDED DET DWS ----- 214-000-070-02/15

LOCATION: UNIT 2 CONT BLDG
 LEVELS 4 & 5
 AREA A

ISL-21004-243 REV 1

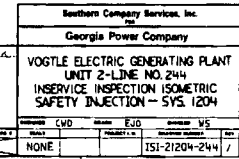
Southern Company Services, Inc.
 Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 243
 INSERVICE INSPECTION ISOMETRIC
 SAFETY INJECTION-SYSTEM 1204

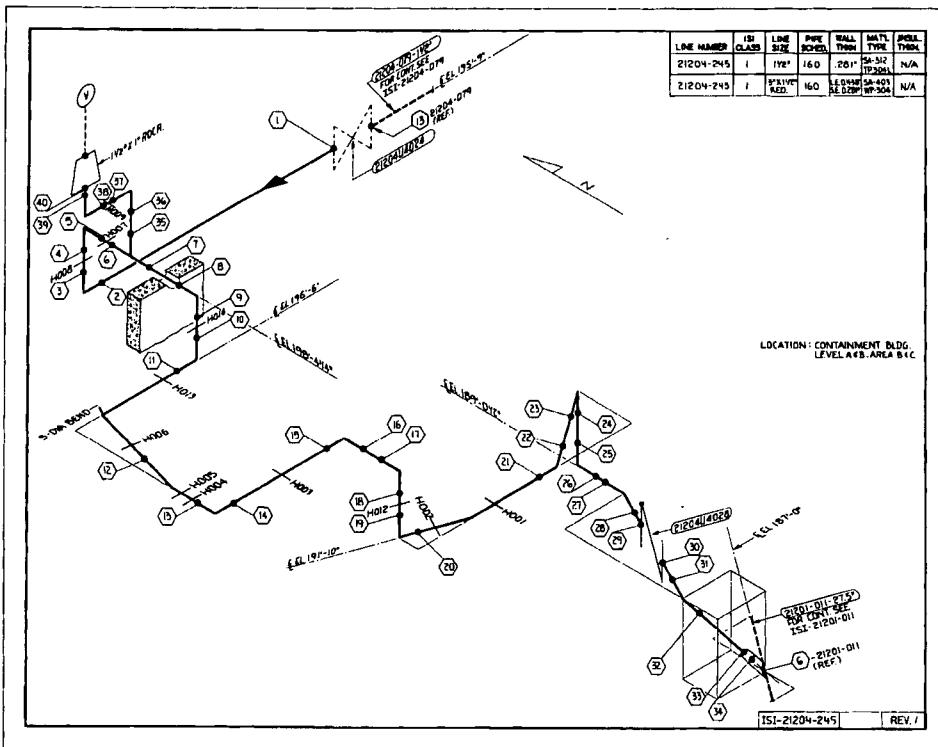
DATE: 11-20-86
 ISSUED FOR INSPECTION
 214-000-070-02/15

214-000-070-02/15

REFERENCES:
PAID _____ 2X4DBIII & 2X4DBII9
FAB ISO _____ 2K4-1204-078-02 (6)
HANGERS _____ V2-1204-244-H001 THRU
H003, H005 THRU H009,
H014, H016



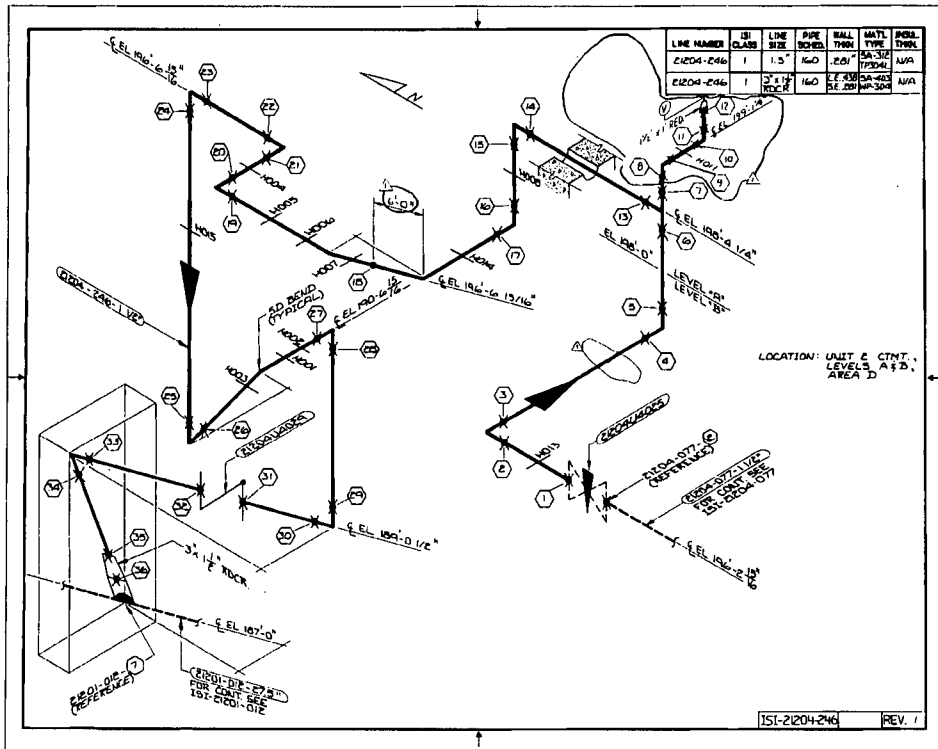
542-H0212-151



REFERENCES:
 P & ID: 2X40811 & 2X40819
 P & ID: 2X41204-079-02
 P-SHEETS: P-18666
 HANGERS: V-1204-245-H001 THRU H003, H012 THRU H014

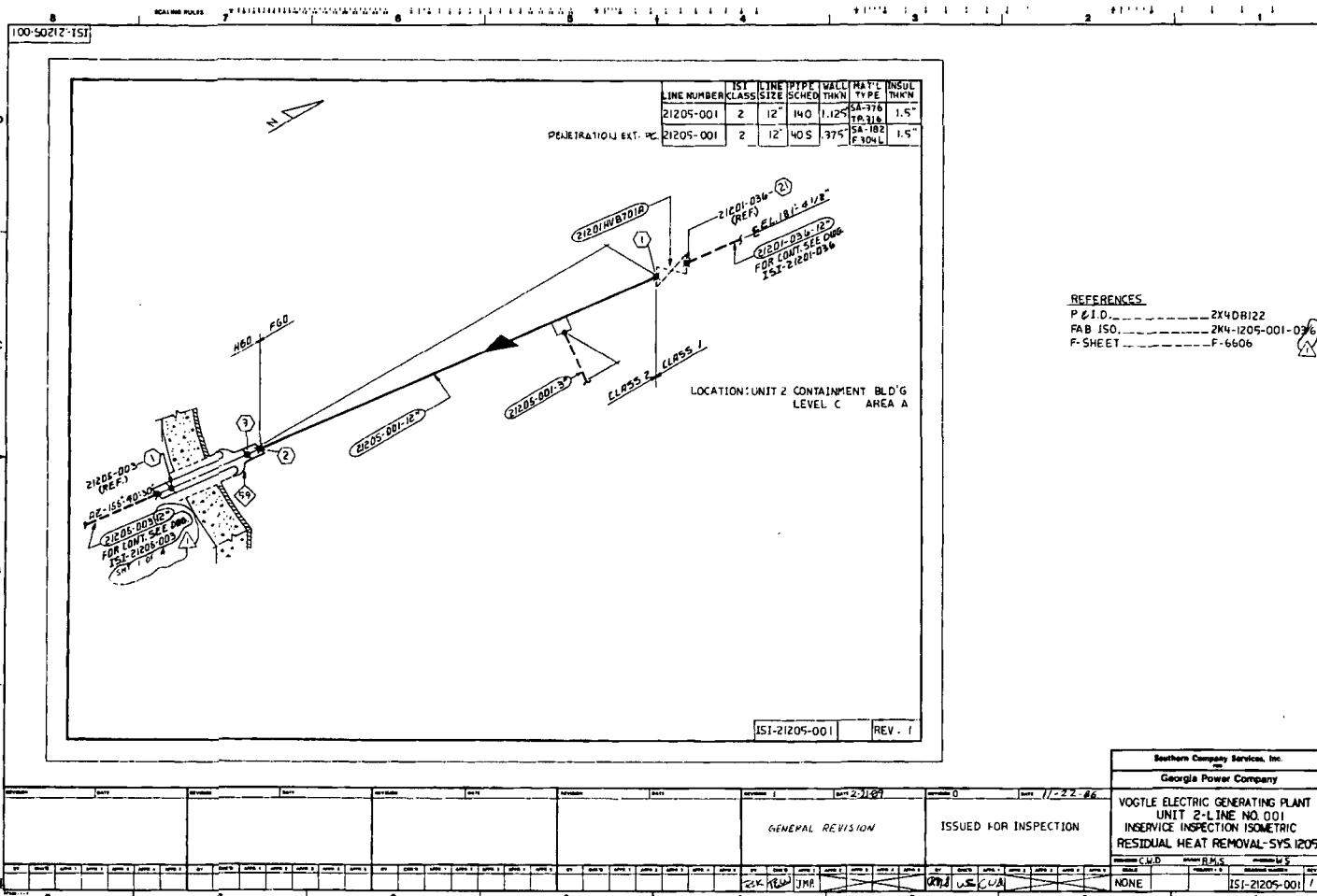
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 245	
INSERVICE INSPECTION ISOMETRIC	
SAFETY INJECTION - SYS. 1204	
ISSUED FOR INSPECTION	DATE: 10-24-84
BY: EJO	DATE: 10-24-84
CHECKED: EJO	DATE: 10-24-84
APPROVED: EJO	DATE: 10-24-84

9h2-H022-151



REFERENCE:
 P&ID: 2404-111, 119
 P&ID: 2404-124-077-086
 HANDED DET. DING: 151-2404-246-1001
 151-2404-246-1001
 151-2404-246-1001

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	UNIT 2-LINE NO. 246
INSERVICE INSPECTION ISOMETRIC	SAFETY INJECTION - SYS. 1204
DATE: 2-21-88	ISSUED FOR INSTRUCTION
BY: JMR	BY: JMR
151-2404-246	1



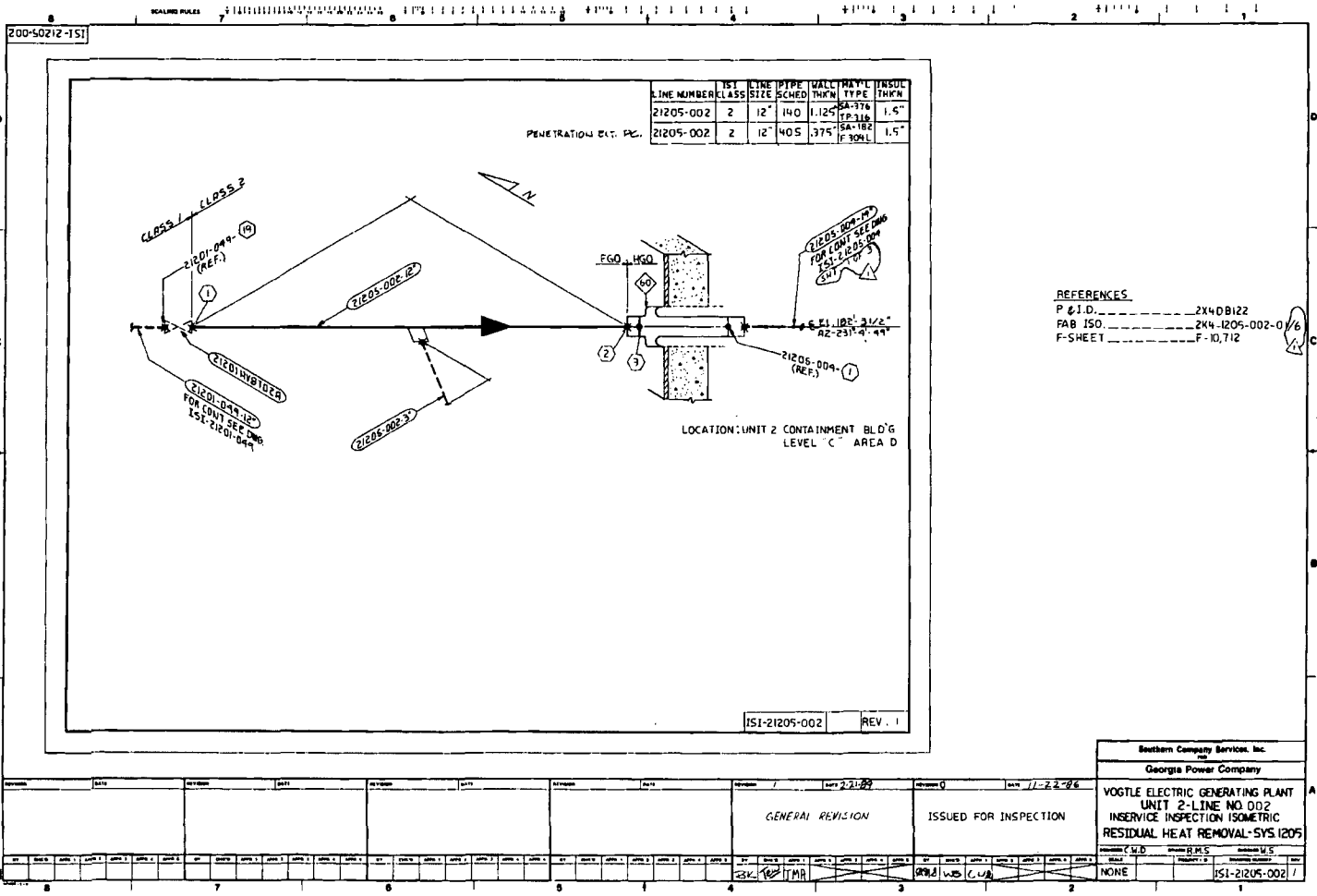
LINE NUMBER	CLASS	SIZE	SCHED	THKN	INSUL
21205-001	2	12"	140	1.125	SA-776
21205-001	2	12"	40S	375	SA-182
					F 304L

REFERENCES
 P.I.D. _____ 214DR122
 FAB ISO. _____ 214-1205-001-036
 P-SHEET _____ F-6606

LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL C AREA A

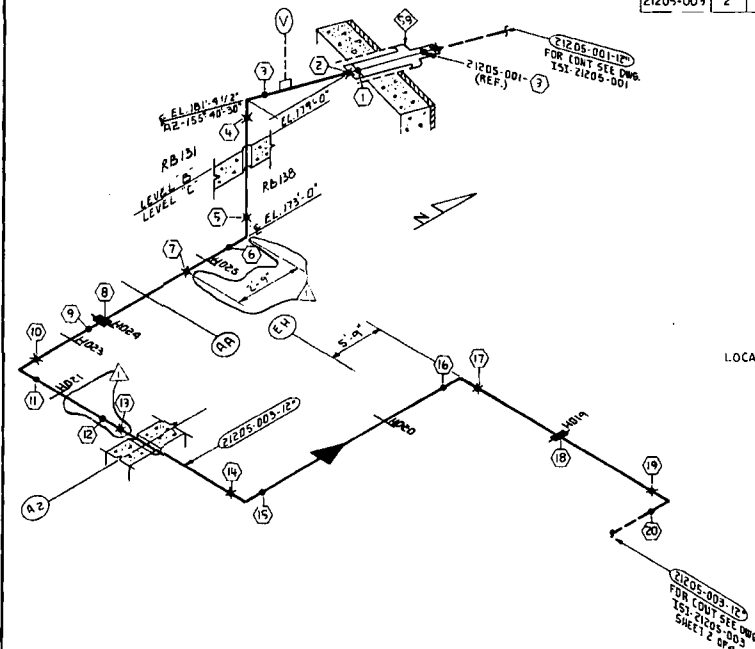
IS1-21205-001 REV. 1

Revision 1 GENERAL REVISION ISSUED FOR INSPECTION										Southern Company Services, Inc. Georgia Power Company VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 001 INSERVICE INSPECTION ISOMETRIC RESIDUAL HEAT REMOVAL-SYS 1205 C.W.D. R.H.S. NONE 151-21205-001/1									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



E00-50212-1S1

LINE NUMBER	IS1	LINE	PIPE	WALL	MAT'L	INSUL
CLASS	SIZE	SCHED	THKN	TYPE	THKN	
21205-003	2	12"	40S	.375	304/316	2.0"



REFERENCES
 P & I.D. 2X4DB122
 FAB ISO 2K3-1205-003-02/20
 HANGER DET.DWG. V2-1205-003-H019
 H020, H021, H023, H024, H025
 F-SHEETS F-561, F-562, F-1564, F-4062, F-3996, F-4061, F-4060

LOCATION: UNIT 2 AUX. BLD'G
 LEVEL B,C AREA G

IS1-21205-003 1 OF 4 REV. 1

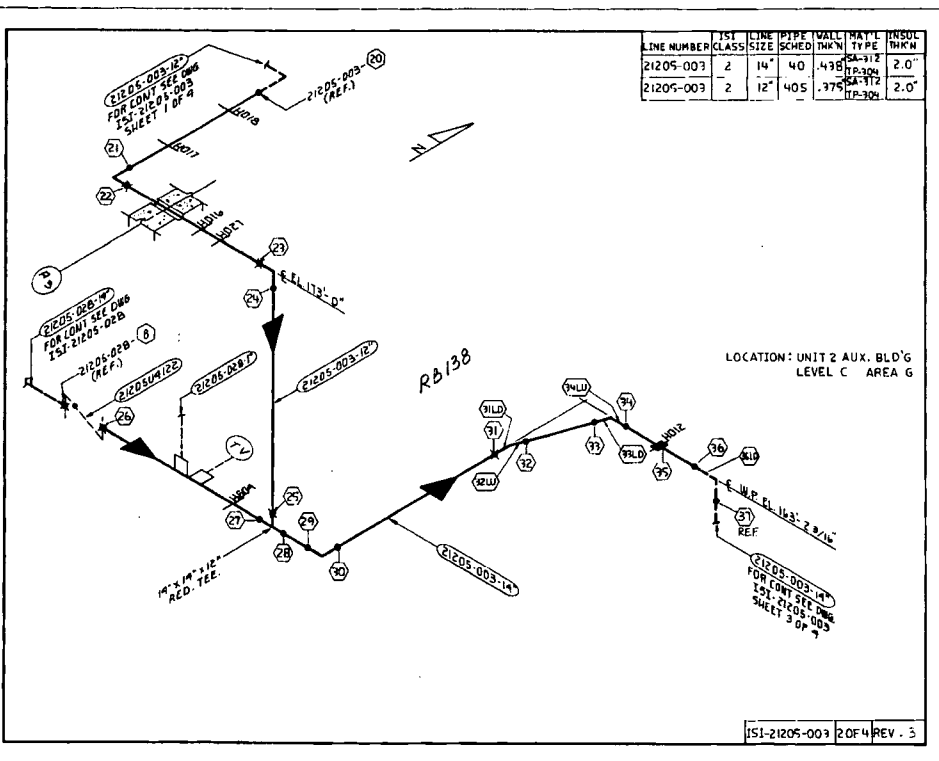
Southern Company Services, Inc.									
Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT									
UNIT 2-LINE NO 003									
INSERVICE INSPECTION ISOMETRIC									
RESIDUAL HEAT REMOVAL-SYS 1205									
C.A.D. R.D.S. H.S.									
NONE 1 OF 4 IS1-21205-003 1									

GENERAL UPDATE
 DELETE H022

ISSUED FOR INSPECTION

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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100-50212-151



REFERENCES

P & I.D.-----2K4DB122
 FAB ISO-----2K3-1205-003-02/20
 HANGER DET.DWG-----V2-1205-003-H012,
 H016, H017, H018,
 H027, H604
 F-SHEETS-----F-555, F-556, F-557
 F-559, F-560, F-4060

ISI-21205-003 2 OF 4 REV. 3

Southern Company Services, Inc.		
Georgia Power Company		
VOGTLE ELECTRIC GENERATING PLANT		
UNIT 2-LINE NO.003		
INSERVICE INSPECTION ISOMETRIC		
RESIDUAL HEAT REMOVAL-SYS 1205		
DESIGNED BY	REVIEWED BY	DATE
NONE	2 OF 4	ISI-21205-003 3

REVISION	DATE	DESCRIPTION
1	2-21-87	GENERAL UPDATE
2	6-28-88	ADDED LABELS 31 & 36.10 AND CHANGED NOTE TO H604 AND REMOVED REFERENCES
3	10-22-87	ADDED LONGITUDINAL WELDS REVISED WELD P5 FROM SHOP WELD TO FIELD WELD
4	11-22-86	ISSUED FOR INSPECTION

100-50212-151

LINE NUMBER	CLASS	SIZE	TYPE	WALL	INSUL
21205-003	2	14	40	438	2.0"

21205-003-14
FOR CONT. SEE DWG.
ISL 21205-003
SHEET 2 OF 4

21205-003
(REF.)

WELD FL. 1/4" x 3/16"

WELD FL. 1/4" x 3/16"

WELD FL. 1/4" x 3/16"

WELD FL. 1/4" x 3/16"

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WELD FL. 1/4" x 3/16"

WELD FL. 1/4" x 3/16"

WELD FL. 1/4" x 3/16"

NOTE
1. WELD BUILD-UP ON I.D. OF
PIPE. THIS END ONLY.

LOCATION: UNIT 2 AUX. BLD'G
LEVEL C, D AREA E
ROOMS C05, D03,
D98, D22

ISI-21205-003 3 OF 4 REV. 2

REFERENCES

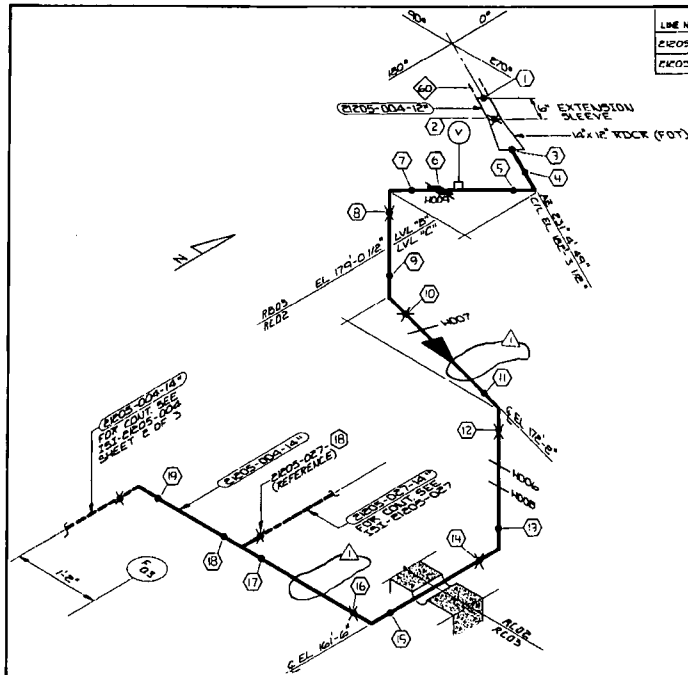
P&ID ----- 2X406122
FAB ISO ----- 2K3-1205-003-01/14
HANGER DET. DWG. ----- 2K3-1205-003-02/20
V2-1205-003-H003
H004, H005, H006,
H008, H010
F-SHEETS ----- F-547, F-548, F-549
F-550, F-555

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
2	2-21-89	GENERAL UPDATE	JMA	JMA	JMA
1	2-23-88	ADDED LONGITUDINAL WELDS STILL AWAIRL AND DALLEY WELD IN 14 AND DELETED HANGERS H007, H008, H011 AND REVISED REFERENCES	JMA	JMA	JMA
0	11-22-86	ISSUED FOR INSPECTION	JMA	JMA	JMA

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLER ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 003	
INSERVICE INSPECTION ISOMETRIC	
RESIDUAL HEAT REMOVAL-SYS 1205	
CM.D	RM.S
CM.D	RM.S
NONE	3 OF 4
ISI-21205-003	2

h00-5022-151

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THIN	MATL TYPE	WALL THIN
E1205-004	C	14"	40	4.38"	SA-106	2.0"
E1205-004	C	12"	40S	3.75"	SA-106	2.0"



LOCATION: UNIT 2 FUEL HANDLING BLDG. LEVELS D AND C. AREA D ROOM C02, C03

ISI-21205-004 1 OF 3 REV. 1

REFERENCES:

P&ID ----- E14DBICE
 FAB. I.D. ----- E14-1205-004
 WALKER DET. TWO ----- VP-205-005-005
 F-SHEETS ----- E14-1205-005
 F-205

Southern Company Services, Inc.
 Georgia Power Company

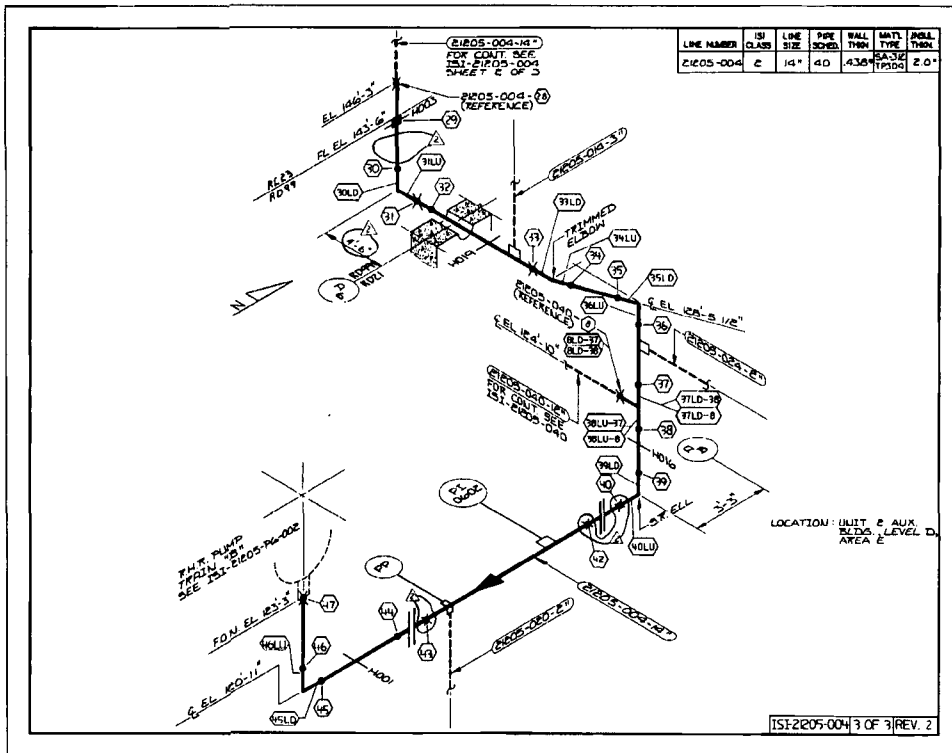
GENERAL UPDATE
 DELETED HOOD & HOOD

ISSUED FOR INSPECTION

VOGTE ELECTRIC GENERATING PLANT
 UNIT 2, LINE NO. 004
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL-SYS.1205

ISSUED FOR INSPECTION
 ISSUE 1 OF 1
 ISI-21205-004 1

100-5022-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	INSUL THICK
E105-004	C	14"	40	4.36"	SAE 304	2.0"

REFERENCES:

P & I D. ----- EX-4000-100
 FAB. ISO. ----- 103-1005-004-01/02
 HANGER DET. DWG. ----- 103-1005-004-001
 F-SHEETS ----- F-563 THRU
 F-567

LOCATION: UNIT 2 AUX.
 R.D. LEVEL D,
 AREA E

ISI-2205-004 3 OF 3 REV. 2

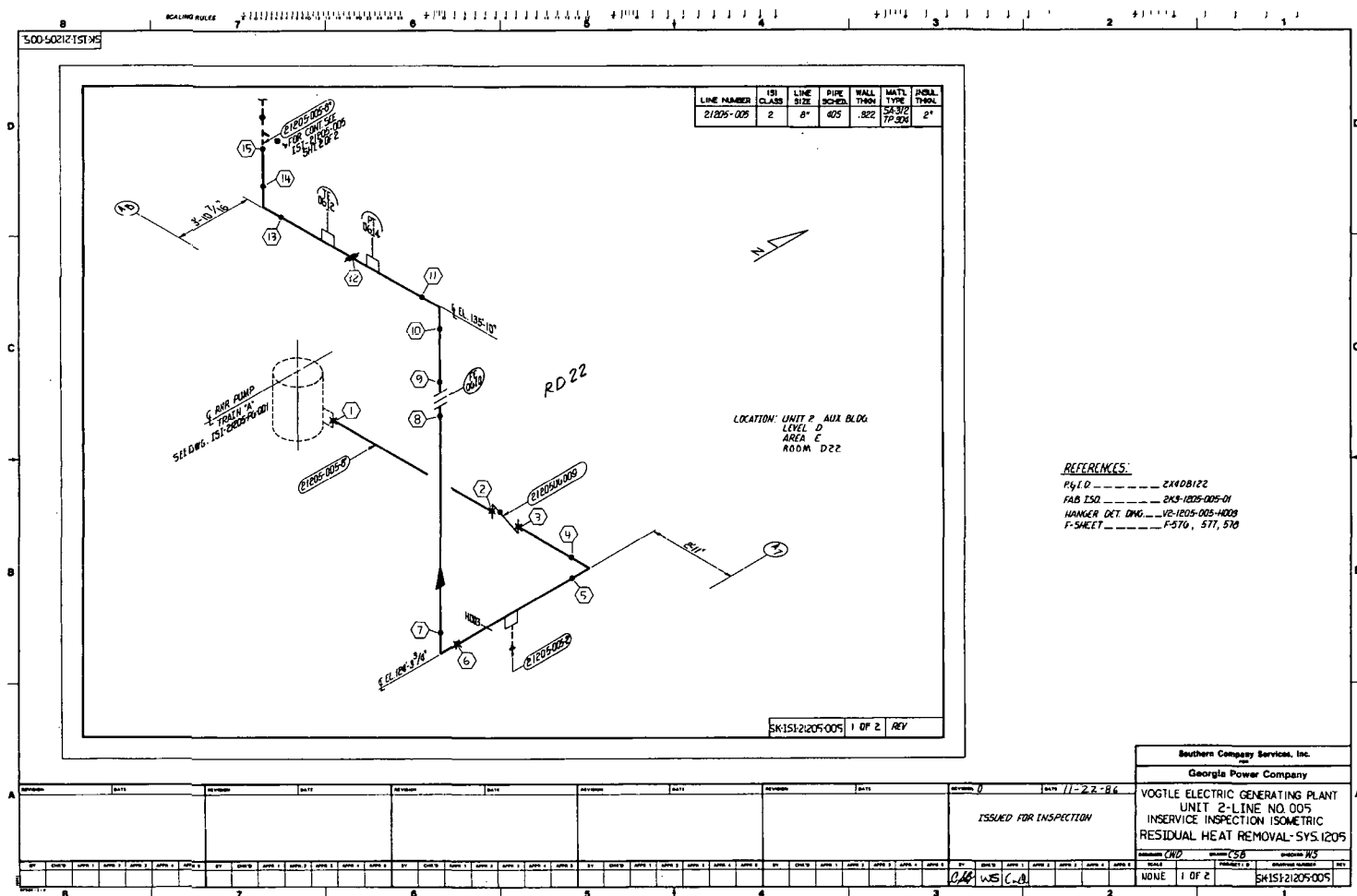
Southern Company Services, Inc.

Georgia Power Company

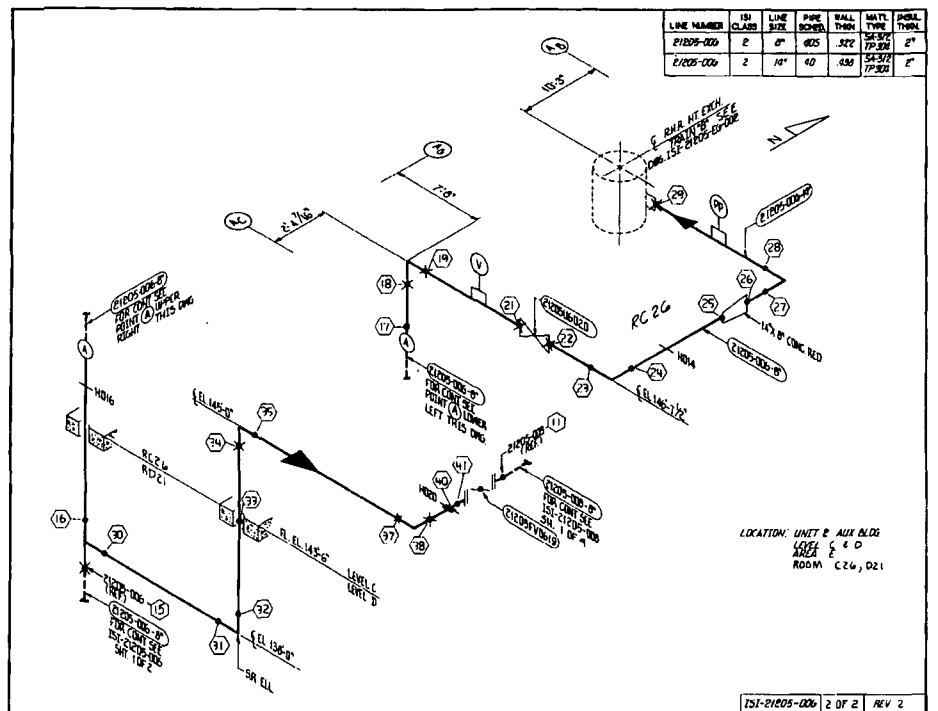
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 004
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL-SYS (205)

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-23-86	ISSUED FOR INSPECTION	BS	WS	CL
2	12-22-87	ADDED LONGITUDINAL WELDS DELETED WELD AT TEMP. START-UP STRAINER.	BS	WS	CL
3	2-21-89	GENERAL UPDATE DELETED H002	BS	WS	CL

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-23-86	ISSUED FOR INSPECTION	BS	WS	CL
2	12-22-87	ADDED LONGITUDINAL WELDS DELETED WELD AT TEMP. START-UP STRAINER.	BS	WS	CL
3	2-21-89	GENERAL UPDATE DELETED H002	BS	WS	CL



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	INSUL THICK
21205-006	2	8"	605	.322	SA-312 TP304	2"
21205-006	2	10"	40	.436	SA-312 TP304	2"



REFERENCES

P.Q.T.R. ----- 214DB122
FAB 130 ----- 214-1205-006-0113
HANGER DET DRG. ----- 214-1205-006-0113
F-SHEETS ----- F-503, F-506, F-587, F-693

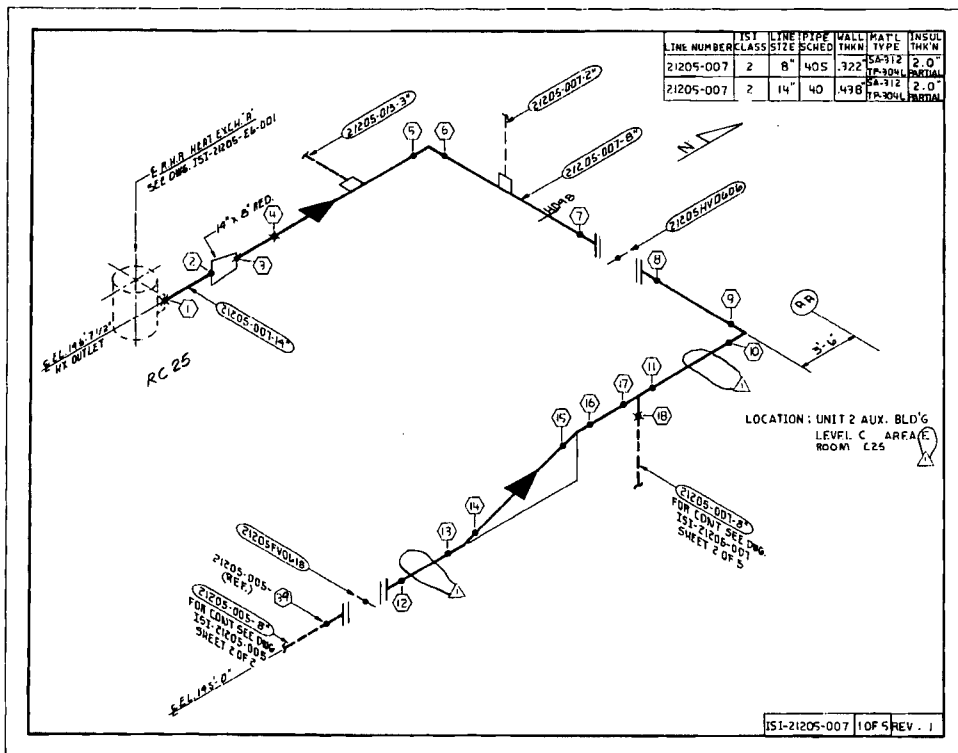
LOCATION: UNIT 2 AUX BLDG
LEVEL C & D
AREA E
ROOM C26, D21

ISI-21205-006	2 OF 2	REV 2
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REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE					
								2		11-22-87		1		6-15-88					
												0		11-22-86					
GENERAL UPDATE												REVISED WELDING #2, #4, #7 AND DELETED LUBRIC OIL #4, #7 AND BELLOWS MANIFOLD NOTES, #4, #7 AND 11 AND REVISED REFERENCES				ISSUED FOR INSPECTION			
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO D06 INSERVICE INSPECTION ISOMETRIC RESIDUAL HEAT REMOVAL-SYS 1205																			
DRAWING: 0105 SCALE: 1/8" = 1'-0" SHEET: 1 OF 1 DATE: 11-22-86 BY: JWG CHECKED: JWG APPROVED: JWG TITLE: RESIDUAL HEAT REMOVAL-SYS 1205																			

20040212-151

SCALE: 1/4" = 1'-0"



LINE NUMBER	CLASS	SIZE	SCHED	WALL THKN	MATL TYPE	INSUL THKN
21205-007	2	8"	40S	.322	SA-312	2.0"
21205-007	2	14"	40	.438	SA-312	2.0"

REFERENCES

P & I.D. 2X4DB121 & 122
 FAB ISO. 2X3-1205-007-001
 HANGER DET. DWG. V2-1205-007-HD-4
 F-SHEETS F-589, F-590

LOCATION: UNIT 2 AUX. BLD'G
 LEVFL C AREA E
 ROOM C25

151-21205-007 1 OF 5 REV. 1

Southern Company Services, Inc.

Georgia Power Company

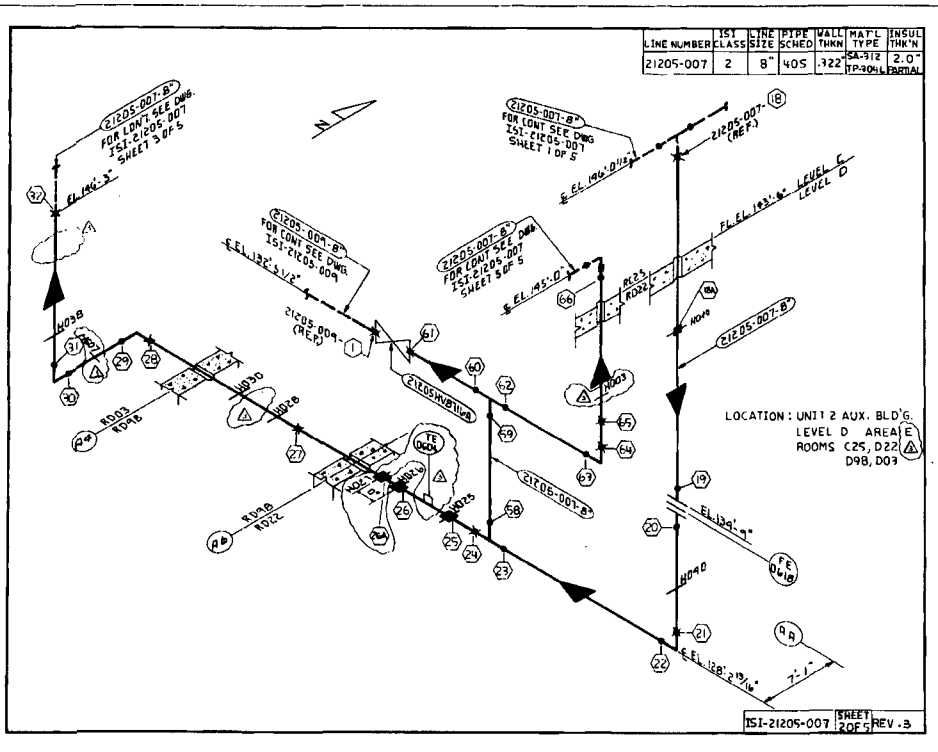
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 007
 INSERVICE INSPECTION ISOMETRIC
 RESIDUAL HEAT REMOVAL-SYS.1205

GENERAL UPDATE
 DELETED HD 44 & HD 46

ISSUED FOR INSPECTION

DATE: 11-22-87
 DRAWN: JMS
 CHECKED: JMS
 NONE 1 OF 5 151-21205-007 1

40040212-151



LINE NUMBER	CLASS	SIZE	SCHED	WALL THKN	MAT'L	INSUL
21205-007	2	8"	405	.122	SA-512	2.0"
					TP-304L	PARTIAL

REFERENCES

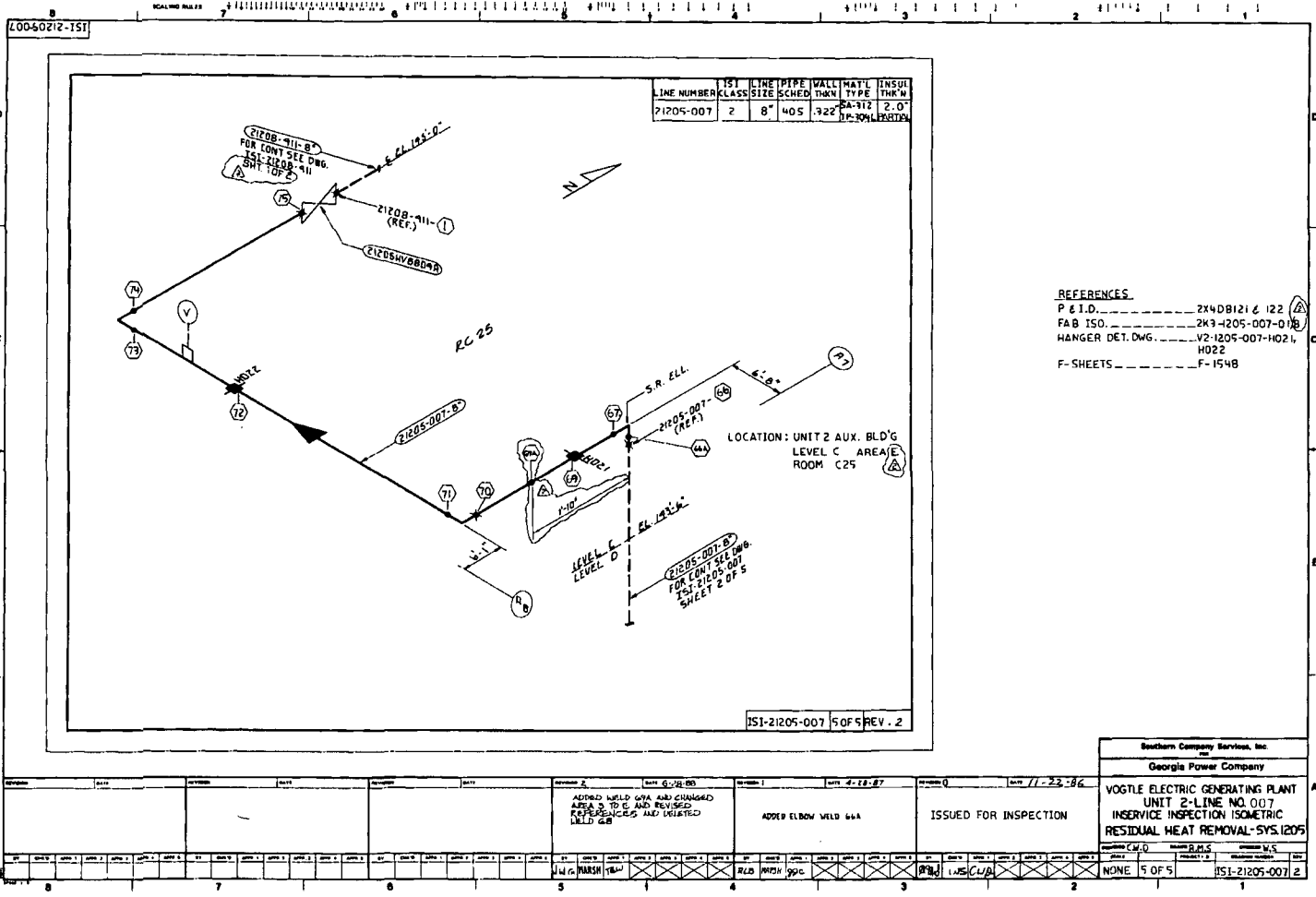
P&ID... 2X408121 & 122
 FAB ISO... 2K3-1205-007-01/B
 2K3-1205-009-01/B
 HANGER DET. DWG... V2-1205-007-H025
 H026, H027, H028
 H030, H038, H040
 H049, H053, H061
 F-SHEETS... F-597, F-598, F-599
 F-600, F-601

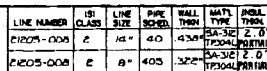
LOCATION: UNIT 2 AUX. BLD'G.
 LEVEL D - AREA E
 ROOMS C25, D22
 D98, D93

SHEET 2 OF 3 REV. 3

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-22-86	ISSUED FOR INSPECTION	WBR	WBR	WBR
2	4-18-87	ADDED ELBOW WELD	WBR	WBR	WBR
3	12-22-87	REVISED WELD 66 FROM FIELD WELD TO SHOP WELD. ADDED HANGER H049 & WELD 18A.	WBR	WBR	WBR
4	6-28-88	ADDED WELD 66A AND RELOCATED YE-0607 AND ADDED HANGERS H057, H058 AND CHANGED AREA 3 TO E AND REVISED REFERENCES	WBR	WBR	WBR

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 007	
INSERVICE INSPECTION ISOMETRIC	
RESIDUAL HEAT REMOVAL-SYS 1205	
DESIGNED BY	WBR
CHECKED BY	WBR
APPROVED BY	WBR
DRAWN BY	WBR
DATE	11-22-86
SHEET	2 OF 3
PROJECT	151-21205-007.3





LOCATION: UNIT 2 AUX.
BLDG. LEVEL C, D
AREA E
ROOMS C26, D21

REFERENCE:

P & I D.-----EX40DIBP2
 FAB ISO-----2K3-1205-0
 HANGER DET DWG-----2K3-1205-0
 F-SHEETS-----12-205-00
 -----H040, H04

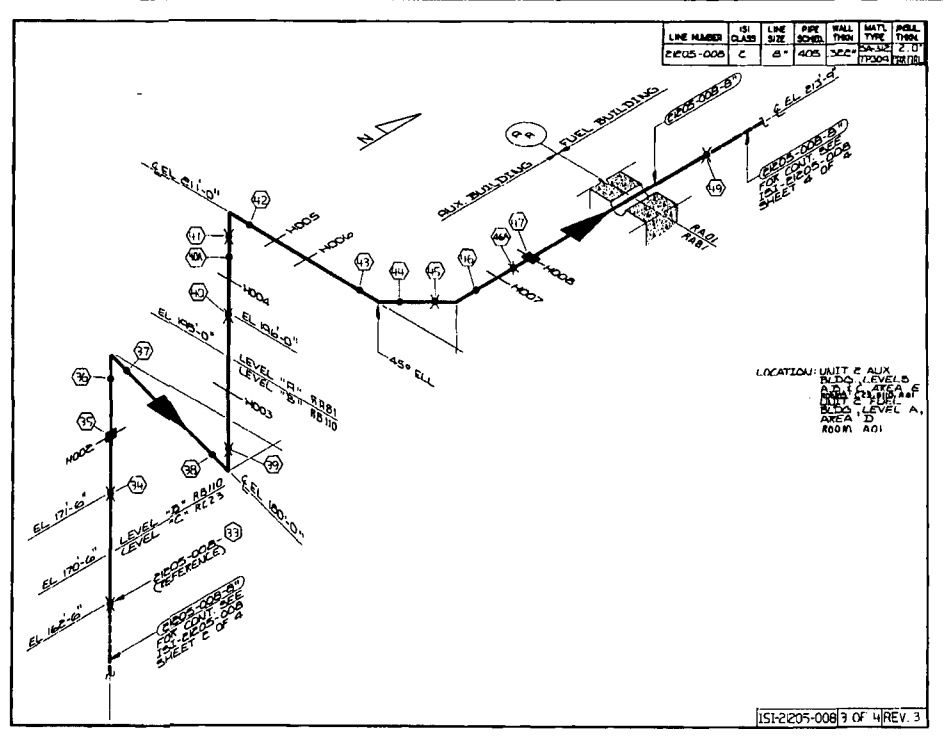
ISI-21205-008 | OF 4 | REV. 1

REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	
									2-21-87		11-22-86	
									GENERAL UPDATE DELETED H025 & H028		ISSUED FOR INSPECTION	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NQ00B INSERVICE INSPECTION ISOMETRIC RESIDUAL HEAT REMOVAL-SYS 1205												
DRAWING NO. 151205-008 / SHEET 1 OF 3												

900-50212-151

SCALE IN FEET

LINE NUMBER	CLASS	SIZE	PWT	WALL THK	MATL	WALL THK
2105-008	C	8"	40S	3/8"	TP304	1/8"



LOCATION: UNIT 2 AUX
BUILDING LEVELS
A, B, C, D, E
AREA 1, 2, 3, 4, 5
AREA 1, 2
ROOM A01

REFERENCES:

P. 101 - 214301, 112
P. 150 - 21105-008-01/0
HANGER DET. DWG. - 1105-008-02/0
F. SHEETS - F-726/1 THRU 7770

151-2105-008 3 OF 4 REV. 3

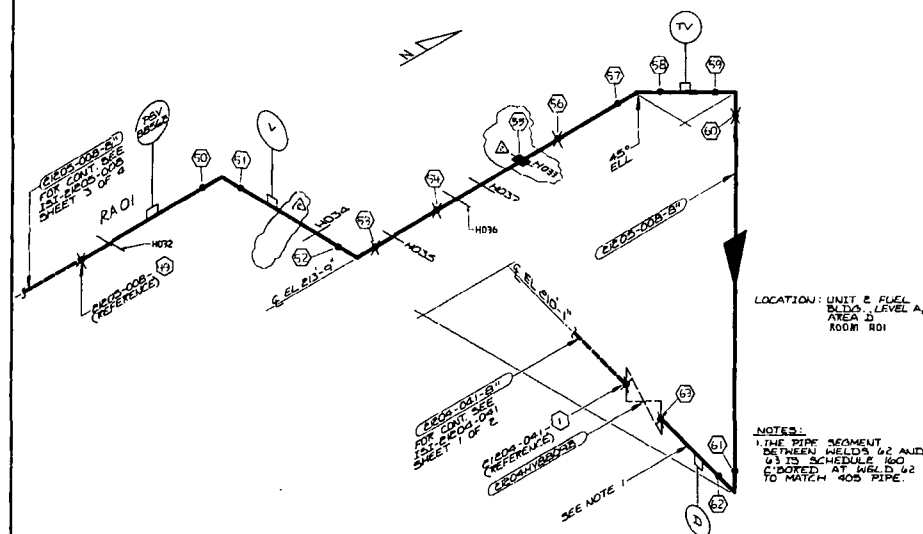
DATE	REVISION	DESCRIPTION
2-21-84	1	GENERAL UPDATE
5-28-85	2	ADDED UNIT 2 AGA AND DELETED WELD 48 AND DELETED HANGER WIRE AND REVISED REFERENCES
4-28-87	3	ADDED WELD 48A
11-22-86	4	ISSUED FOR INSPECTION

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 008	
INSERVICE INSPECTION ISOMETRIC	
RESIDUAL HEAT REMOVAL-SYS 1205	
CHD	BST
WSE	WSE
151-2105-008 3	

800-5022-151

DRAWING RULES

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	RALL THICK.	MATL. TYPE	RALL. THICK.
21205-008	E	8"	40S	322"	SA332 2.0"	TP304L HTRI
21205-008	E	8"	160	1906"	SA332 2.0"	TP304L HTRI



LOCATION: UNIT 2 FUEL
BLDG. LEVEL A
AREA D
ROOM R01

NOTES:

1. THE PIPE SEGMENT
BETWEEN WELDS 42 AND
43 IS SCHEDULE 80
C-BOTTED AT WELD 42
TO MATCH 40S PIPE.

REFERENCES:

P & I.D. ----- 2141205-001
P&ID ISO ----- 2141205-008-019
HANGER DET. DWG. ----- 2141205-008-032
F-SHEETS ----- F-2141205-008-032
THRU H037
CODE

151-21205-008/4 OF 4 REV. 2

DATE: 10-22-87

ISSUED FOR INSPECTION

ADDED WELD 95 AND DELETED WELD 91A AND RELOCATED HANGER H013 AND DELETED HANGER H015

ADDED HANGER H012 & WELD 51A RELOCATED HANGERS H011 & H016 DELETED HANGER H015 & WELD 55

UJG (MARSH) EL

WELD 55C

WELD 55C

WELD 55C

WELD 55C

WELD 55C

WELD 55C

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WELD 55C

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT

UNIT 2-LINE NO. 008

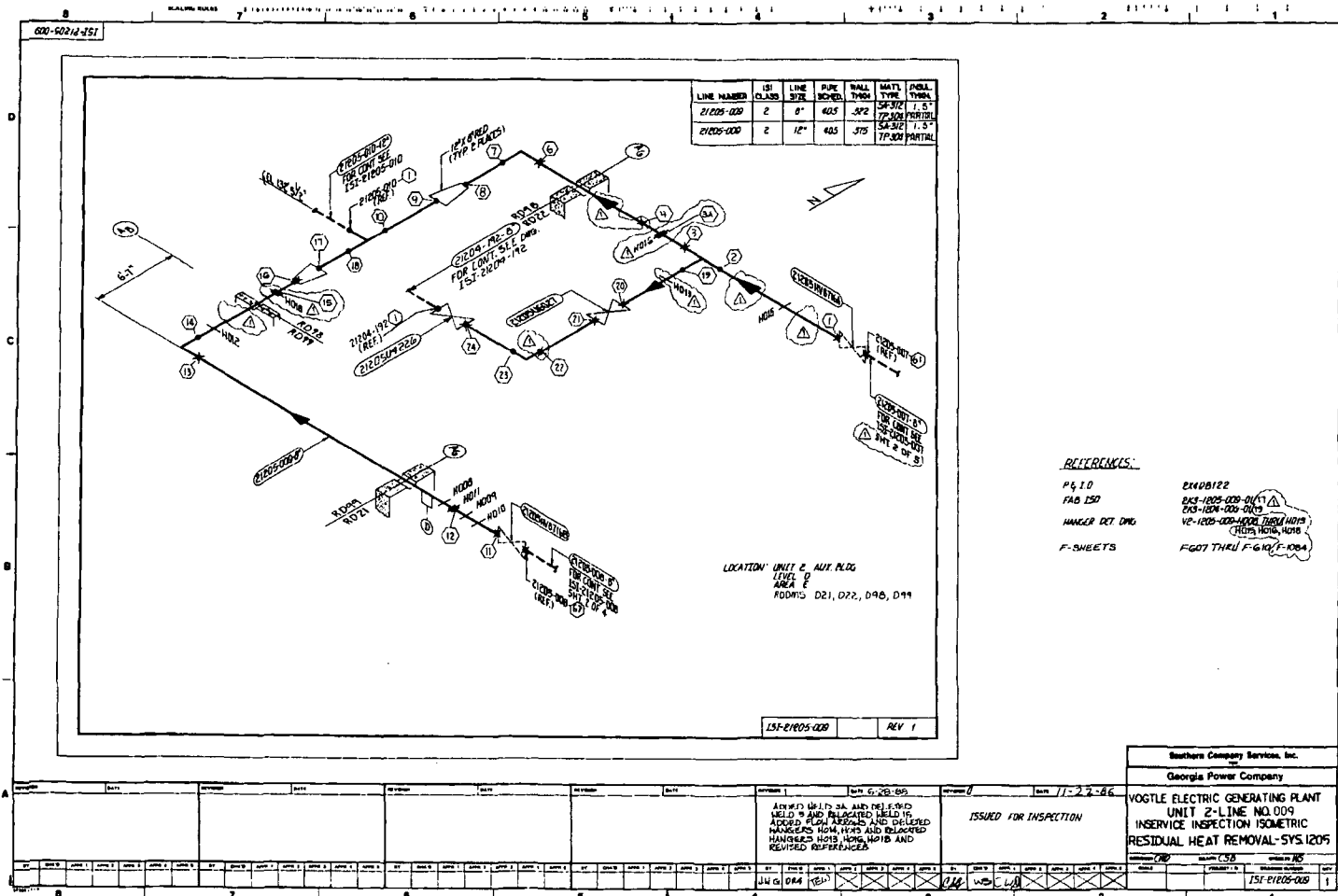
INSERVICE INSPECTION ISOMETRIC

RESIDUAL HEAT REMOVAL-SYS 1205

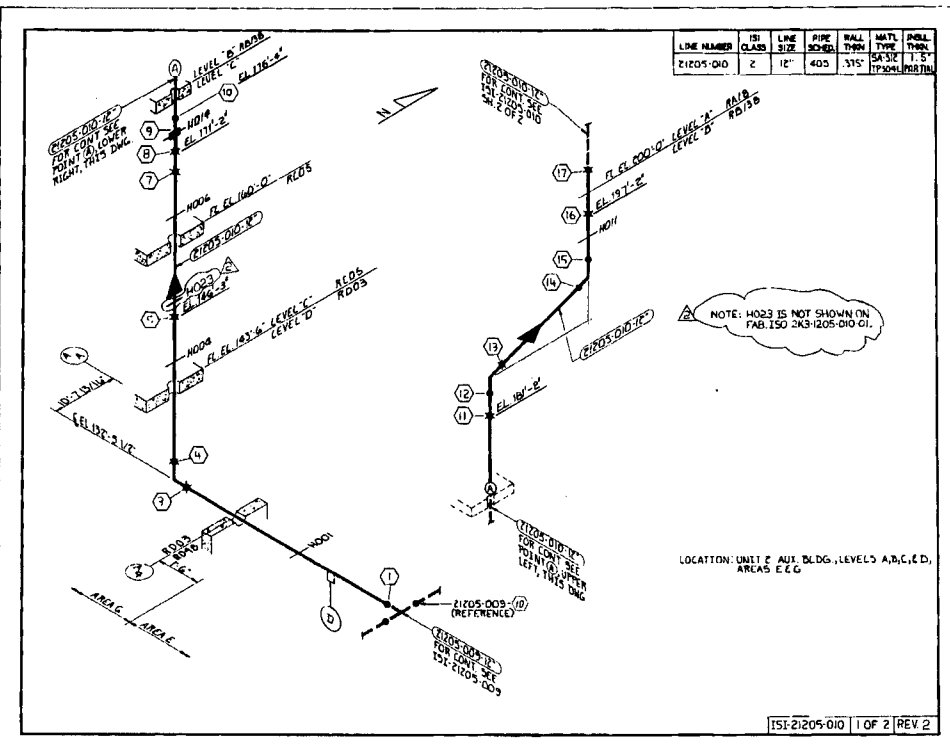
CWD

NONE

151-21205-008.2



010-50212-151



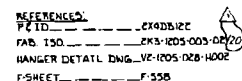
LINE NUMBER	CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	INSTR.
21205-010	2	12"	40S	.315"	SA-312	1.5"

REFERENCES:
 FIELD _____
 FAB ISO'S _____
 HANGER DETAIL DWGS _____
 F-SHEETS _____

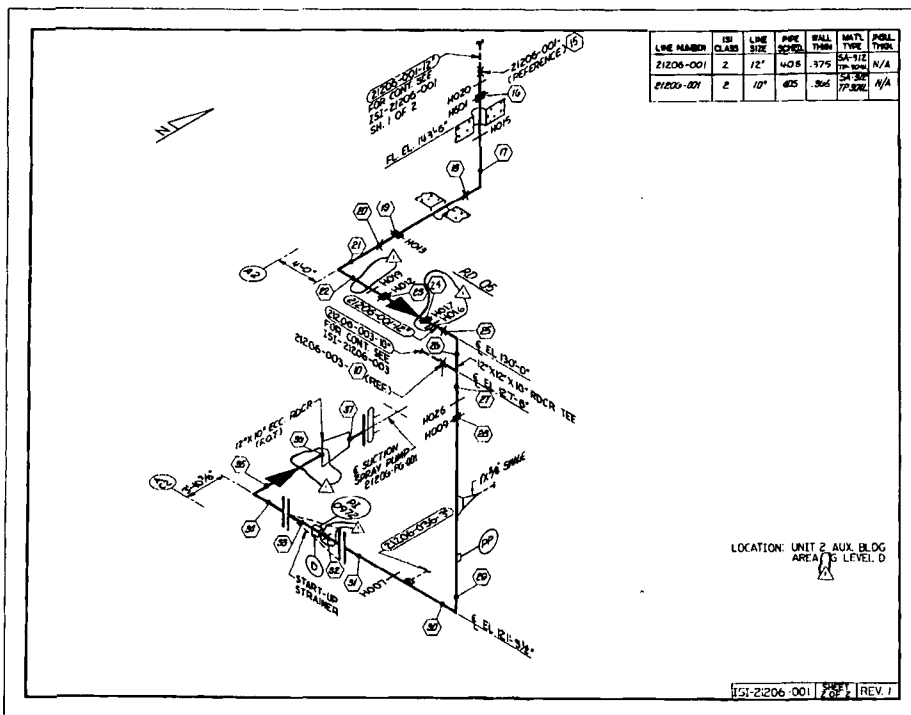
LOCATION: UNIT 2 AUX. BLDG., LEVELS A,B,C,D, AREAS E&G

151-21205-010 1 OF 2 REV 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 010	
INSERVICE INSPECTION ISOMETRIC	
RESIDUAL HEAT REMOVAL-SYS 1205	
DATE: 11-23-86	ISSUED FOR INSPECTION
BY: JMK/JMR	CHKD: JMK
DATE: 11-23-86	DATE: 11-23-86
151-21205-010	1 OF 2

[illegible]

100-90212-151



LINE NUMBER	ISO CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
21206-001	2	12"	40S	.375	SA-312	N/A
21203-001	2	10"	40S	.306	SA-312	N/A

REFERENCES:

P&ID.....2X408/31
 FAB ISO.....2X3-001-001/15
 HANGER DETAIL Dwg.....2X3-001-001/15
 F-SHEETS.....F-918 THRU F-953
 F-948, F-947, F-946
 F-909, F-2529, F-5733

LOCATION: UNIT 2 AUX. BLDG.
 AREA B LEVEL D

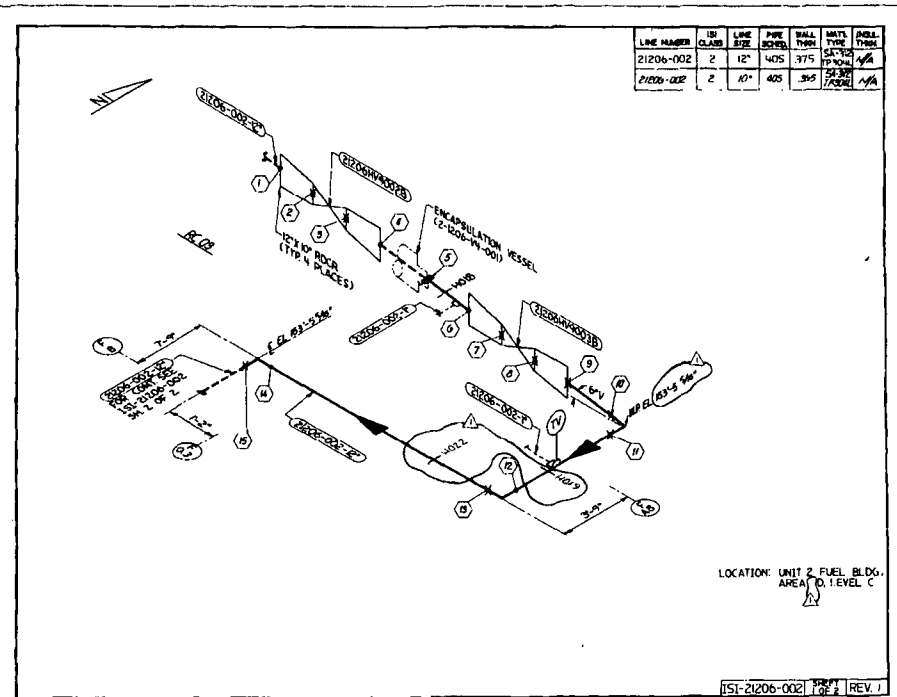
IS-2-206-001 206/1 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 001 INSERVICE INSPECTION ISOMETRIC CONTAINMENT SPRAY-SYSTEM 1206	
Drawn: CUB	Checked: GPP
Scale: 1"=10'	Project: 11-23-86
Sheet: 1	None
Rev: 1	IS-2-206-001/1

GENERAL UPDATE
 DELETE H201 & H218
 ISSUED FOR INSPECTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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200-90212-151



LINE NUMBER	IS CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	WELD TYPE	WELD THICK.
21206-002	2	12"	40S	.375	SA-193	N/A
21206-002	2	10"	40S	.305	SA-193	N/A

REFERENCES:

P & ID.....2140813
 FAB ISO.....217-006-002-01/12
 HANGER DETAIL DWG. Y2-1206-002-010
 F-SHEETS.....E-645 THRU F-655
 F-656 F-1555 THRU F-1558

LOCATION: UNIT 2 FUEL BLDG.
 AREA D, LEVEL C

ISI-21206-002 TQ 2 REV. 1

Southern Company Services, Inc.
 Georgia Power Company

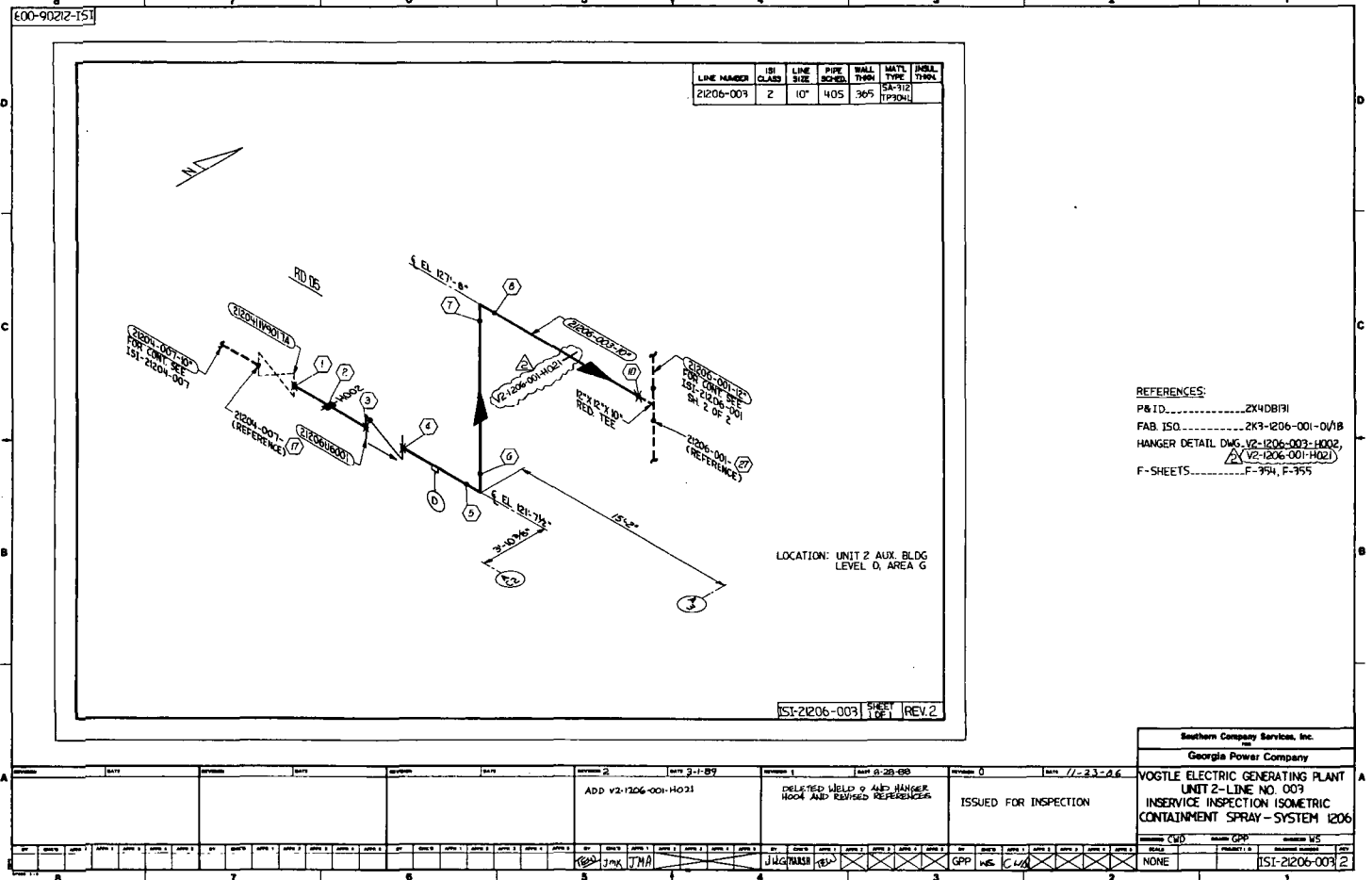
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 002
 INSERVICE INSPECTION ISOMETRIC
 CONTAINMENT SPRAY-SYSTEM 1206

GENERAL UPDATE
 DELETE H013

ISSUED FOR INSPECTION

DATE: 11-25-86
 BY: GPP
 NONE SHEET 151-21206-002 1

E00-90212-151



Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 003	
INSERVICE INSPECTION ISOMETRIC	
CONTAINMENT SPRAY-SYSTEM 1206	
ISSUED BY	ISSUED DATE
GPP	11-23-86
SCALE	NONE
PROJECT NO.	IS-21206-003
SHEET NO.	2

ADD V2-1206-001-H021

DELETED WELD 9 AND HANGER HOOK AND REVISED REFERENCES

ISSUED FOR INSPECTION

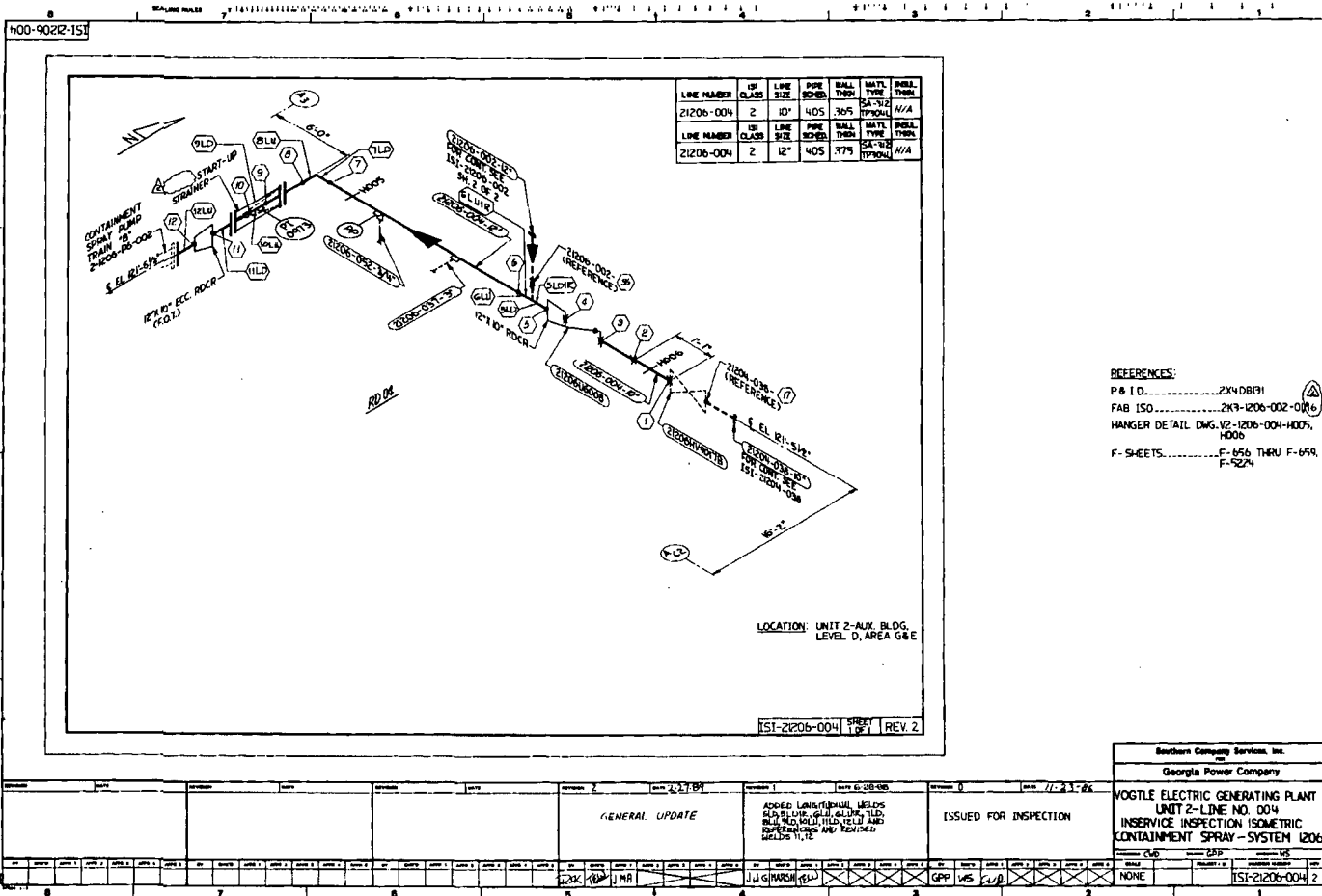
JMK JMA

JMK JMA

GPP

WES

C/LA



LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	INSUL. THICK.
21206-004	2	10"	405	305	SA-312	17/32"
21206-004	2	12"	405	375	SA-312	17/32"

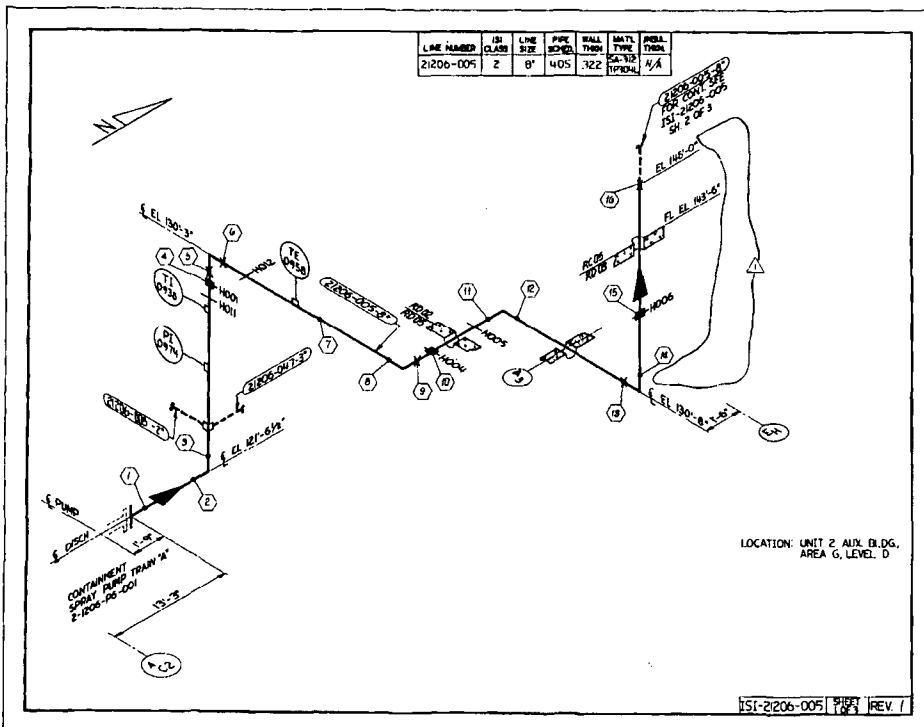
REFERENCES:
 P & ID.....2K4DB/91
 FAB ISO.....2K9-1206-002-00/6
 HANGER DETAIL DWS-12-1206-004-H005, H006
 F-SHEETS.....F-656 THRU F-659, F-5274

LOCATION: UNIT 2-AUX. BLDG. LEVEL D, AREA G&E

ISI-21206-004, SHEET 1 OF 1, REV. 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 004	
INSERVICE INSPECTION ISOMETRIC	
CONTAINMENT SPRAY - SYSTEM 1206	
DESIGNED BY	ISSUED FOR INSPECTION
APPROVED BY	DATE 11/23/86
REVISIONS	REVISIONS
1. NONE	1. NONE
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500-90212-151



REFERENCES:
 P&ID.....2X40B11
 FAB ISO.....2X3-1206-005-01/10
 HANGER DETAIL DNG V2-1206-005-H001
 H004, H005, H006, H011, H012
 F-SHEETS.....F-756 THRU F-760

LOCATION: UNIT 2 AUX BLDG.
 AREA G, LEVEL D

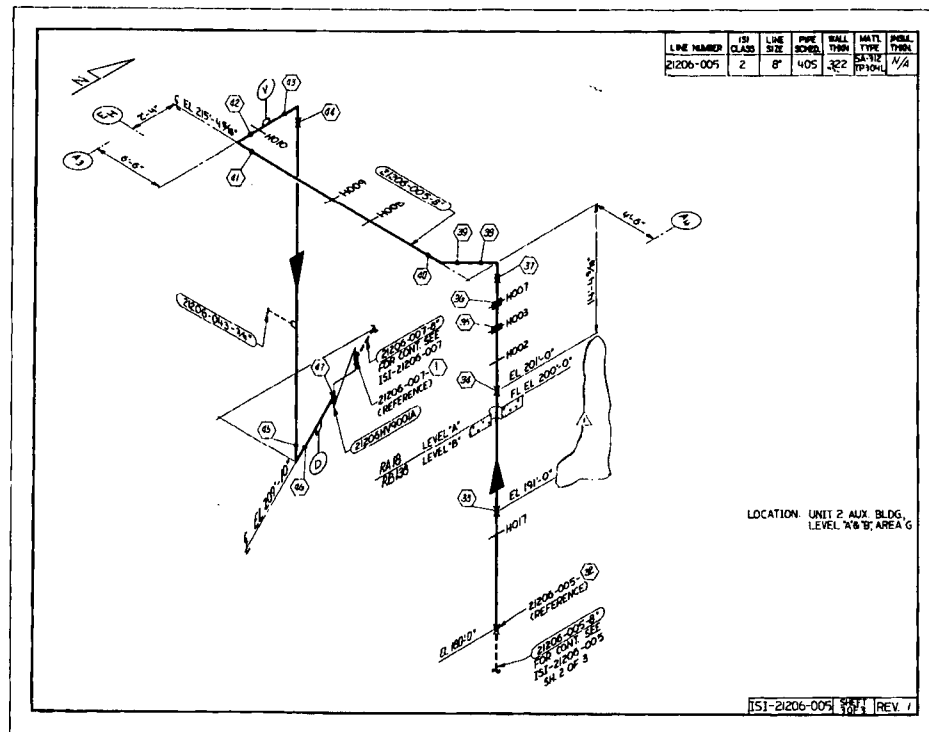
151-21206-005 151-21206-005 REV. 1

Southern Company Services, Inc.											
Georgie Power Company											
VOGTLE ELECTRIC GENERATING PLANT						UNIT 2-LINE NO. 005					
INSERVICE INSPECTION ISOMETRIC						CONTAINMENT SPRAY-SYSTEM 1206					
PROJECT: 1206						SHEET: 151-21206-005					
NONE						SHEET: 151-21206-005					

GENERAL UPDATE

ISSUED FOR INSPECTION

500-90212-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THIN.	MATL TYPE	INSUL THIN.
21206-005	2	8"	405	.322	SP304L	N/A

REFERENCES:

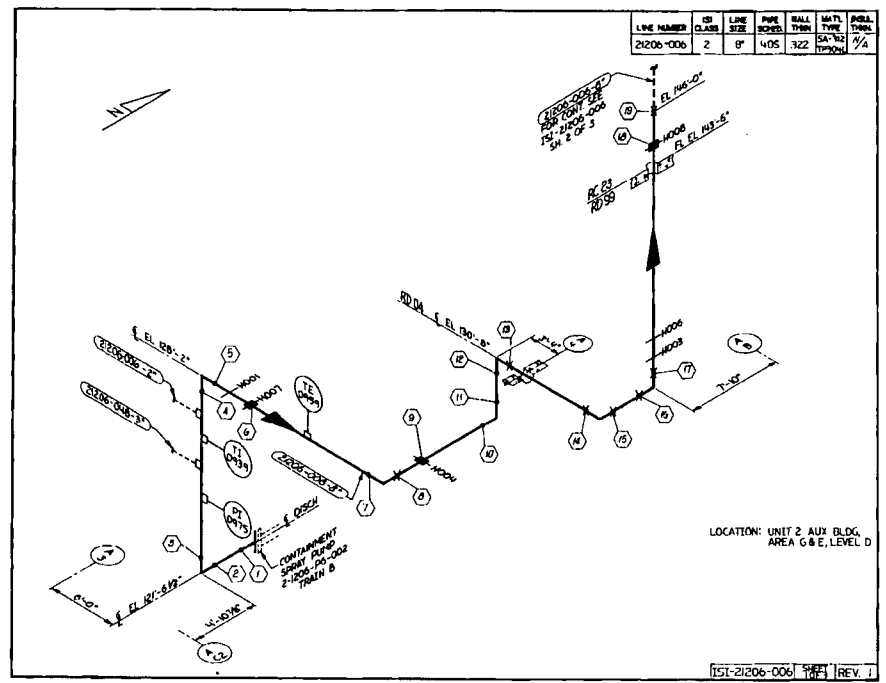
P&ID.....2X408191
 FAB ISO.....21206-005-005/4
 (21206-005-005/4)
 HANGER DETAIL DWG. V2-1206-005-H002
 H003, H007 THRU
 H010, H017
 F-SHEETS.....F-1130, F-1131, F-7097,
 F-7098, F-7099

LOCATION: UNIT 2 AUX. BLDG.
 LEVEL 'A' & 'B' AREA 'G'

ISI-21206-005-005/4 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 005	
INSERVICE INSPECTION ISOMETRIC	
CONTAINMENT SPRAY-SYSTEM 1206	
REVISION	DATE
1	11-23-86
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100	11-23-86

900-9021-151



REFERENCES:

P & ID.....2X408191
 FAB ISO.....2X3-206-006-02/10
 HANGER DETAIL DWG V2-1206-006-H001, H003, H004, H006, H007, H008
 F-SHEETS.....F-660 THRU F-669

Southern Company Services, Inc.
 Georgia Power Company

DATE: 2-23-86

GENERAL UPDATE

ISSUED FOR INSPECTION

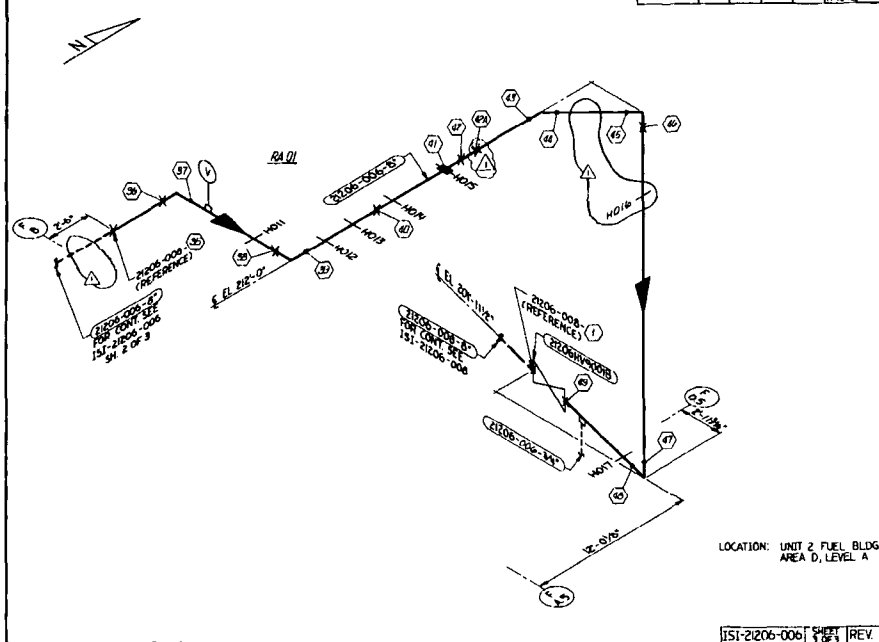
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2-LINE NO. 006
 INSERVICE INSPECTION ISOMETRIC
 CONTAINMENT SPRAY-SYSTEM 1206

DATE: 2-23-86
 BY: J. L. JONES
 CHECKED: J. L. JONES
 APPROVED: J. L. JONES
 NONE

900-902-151

SCALE: 1/4" = 1'-0"

LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED	RALL. THICK.	MAT'L. TYPE	WALL THICK.
21206-006	2	8"	405	322	SA-102	N/A



LOCATION: UNIT 2 FUEL BLDG.
AREA D, LEVEL A

151-21206-006 SHEET 1 REV. 1

REFERENCES:

P & ID.....21408191
FAB. ISO.....21408191

HANGER DETAIL DWG. V2-1206-006-H011
THRU H017
F-SHEETS.....F-2504 THRU
F-2509

Southern Company Services, Inc.
Georgia Power Company

WOOTTE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 006
INSERVICE INSPECTION ISOMETRIC
CONTAINMENT SPRAY-SYSTEM 1206

DATE: 11-23-86
ISSUED FOR INSPECTION
NONE

151-21206-006 1

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LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	ISOL THICK
21206-008	2	8"	405	322	SA-312 TP304	N/A
LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	ISOL THICK
1206-008	2	6"	405	280	SA-312 TP304	N/A

LOCATION: UNIT 2 FUEL BLDG.
AREA D, LEVEL A
UNIT 2 CTMT BLDG.
AREA D, LEVEL A

P&ID.....2X4D8191
FAB ISO.....2K4-1206-008-10/5
 2K7-1206-006-01/5
HANGER DETAIL DWG. V2-1206-008-H096
F-SHEETS.....F-8413, F-1236 THRU
 F-12319

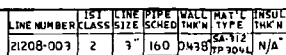
[illegible]

LOCATION: UNIT 2 CTMT.
BLDG., LEVEL B,
AREAS B & C

PAID ----- EXADN14
FAB ISO ----- PK4-1205-002.04
HANGER DET. DWG ----- VP-208-004H02
----- H020, H031,
----- H032
E-SHEETS ----- E-13157

151-21208-001 REV. 1

[illegible]



P & I.D. ----- 2X4 DBI161-
FAB ISO. ----- 2K3-1208-003-02/10
HANGER DET. DWG. ----- V2-1208-003-HO1B,
HO19, HO21, HO22, HO23,
HO25, HO26, HO27
F-SHEETS ----- F-706 THRU F-711 &
F-1762, F-1763

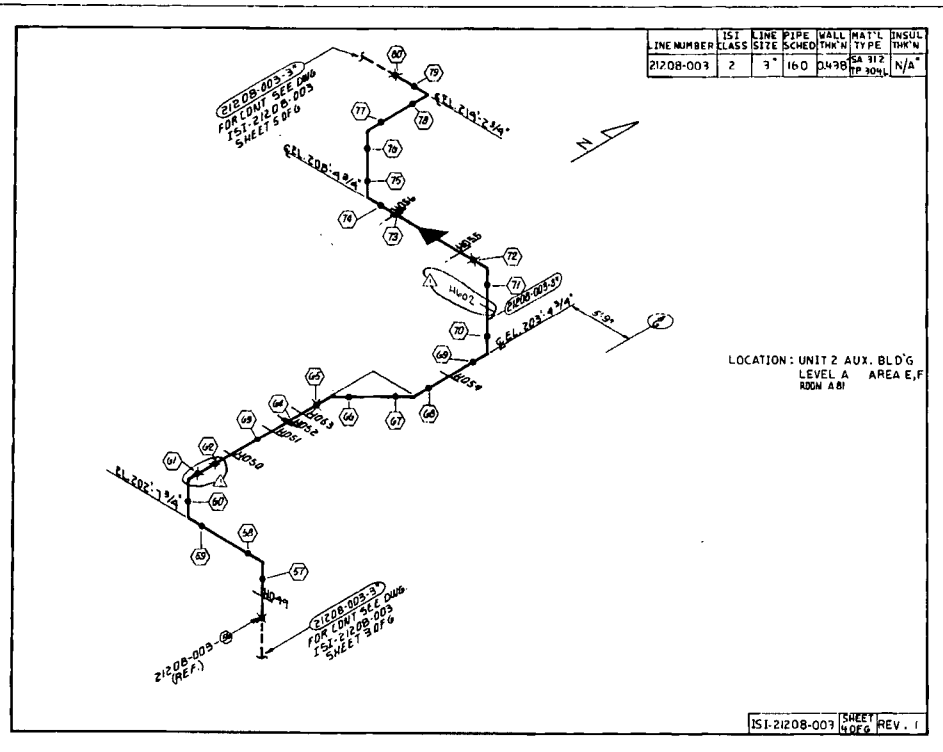
LOCATION: UNIT 2 AUX. BLDG.
LEVEL C AREA H
ROOMS 009 & UCC 13

ISI-21208-003	2 OF 6	REV. 2
---------------	--------	--------

[illegible]

600-80212-151

SCALE: 1"=10'



REFERENCES

- P & I D. 2X4081161
- FAB ISO. 2K9-1208-003-07/5
- HANGER DET. DWG. V2-1208-003-H049, H050, H051, H052, H053, H054, H055, H056 (H052)
- F-SHEETS F-8772, F-8773, F-8774, F-8775

LOCATION: UNIT 2 AUX. BLD'G
LEVEL A AREA E, F
ROOM A 81

151-21208-003 SHEET 4 OF 6 REV. 1

Southern Company Services, Inc.									
Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT									
UNIT 2-LINE NO. 003									
INSERVICE INSPECTION ISOMETRIC									
CHEMICAL & VOLUME CONTROL									
SYSTEM 1208									
CHD: AAS									
NONE SHEET 4 OF 6 151-21208-003 1									

GENERAL APPROVAL
ADD 11/6/02

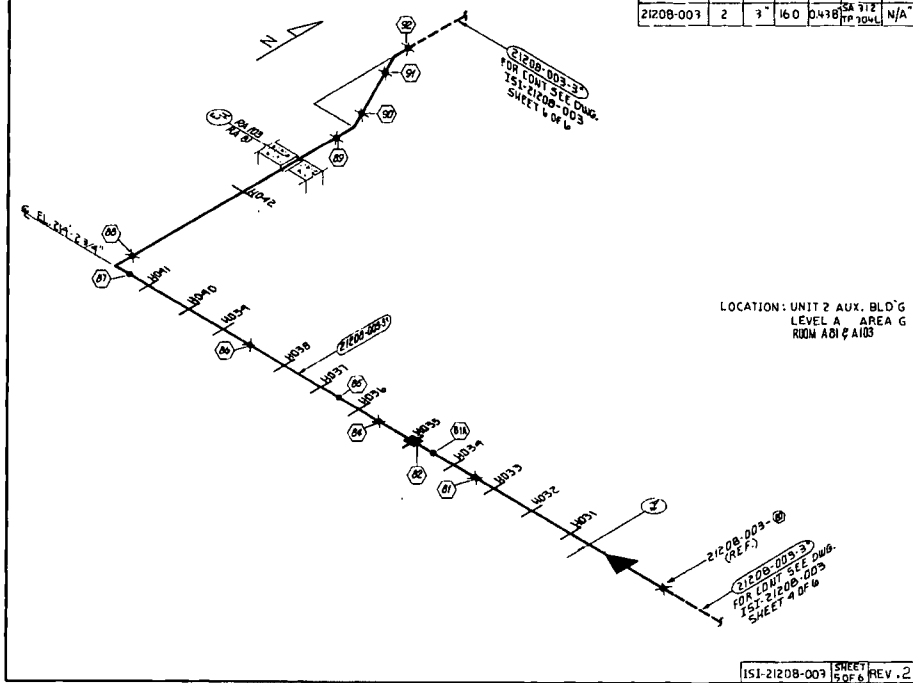
ISSUED FOR INSPECTION

20K 10/17/02 JMA

20K 10/17/02 JMA

600 80212-151

LINE NUMBER	CLASS	SIZE	PIPE SCHED	WALL THK	MAT L	INSUL
21208-003	2	3"	160	0.438	SA 312 TP 304L	N/A



LOCATION: UNIT 2 AUX. BLD'G
LEVEL A AREA G
ROOM ADI & A103

REFERENCES

P & I.D. ----- 2X4DBH44
FAB ISO. ----- 2K7-1208-003-06/6
HANGER DET. DWG. ----- V2-1208-003-H031
H032, H033, H034, H035
H036, H037, H038, H039
H040, H041, H042
F-SHEETS ----- F-6877, F-6878, F-6879
F-6880, F-6881, F-6882

ISI-21208-003 SHEET 5 OF 6 REV. 2

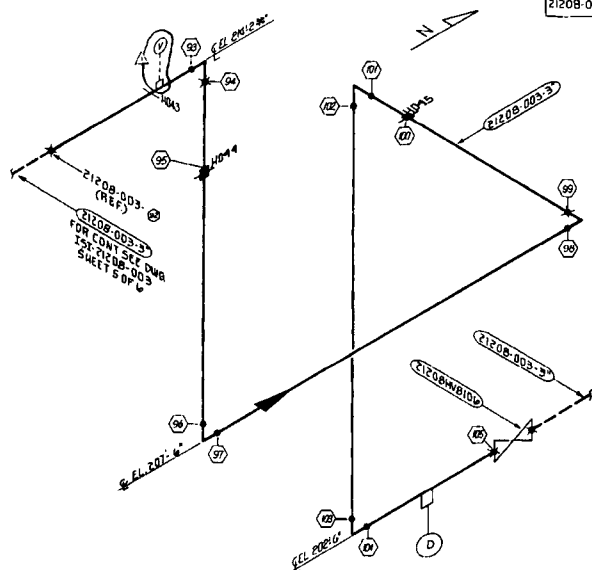
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1	11-28-86	GENERAL UPDATE	JMK	JMA			2	11-28-86	DELETED WELD AS ADDED WELD VIA REVERSED REFERENCES	JMK	JMA			3	11-28-86	ISSUED FOR INSPECTION	JMK	JMA		
4							5							6						

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 003	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM 1208	
REVISION C.W.D.	REVISION W.S.
NONE	SHEET 5 OF 6
ISI-21208-003	2

60080212-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	IS1	LINE CLASS	PIPE SIZE	WALL THK	MAT'L TYPE	INSUL THK
21208-003	2	3"	160	0.438	SA 312 TP304L	N/A



LOCATION: UNIT 2 AUX. BLD'G.
LEVEL A AREA G
ROOM 4103

REFERENCES

- P & I.D. ----- 2X408116-1
- FAB ISO. ----- 2K3-1208-003-08/6
- HANGER DET. DWG. ----- V2-1208-003-H044
- F-SHEETS ----- F-6877, F-6878, F-6879
F-6880, F-6881, F-6882
F-6883 F-6884

ISI-21208-003 SHEET 1 OF 1 REV. 1

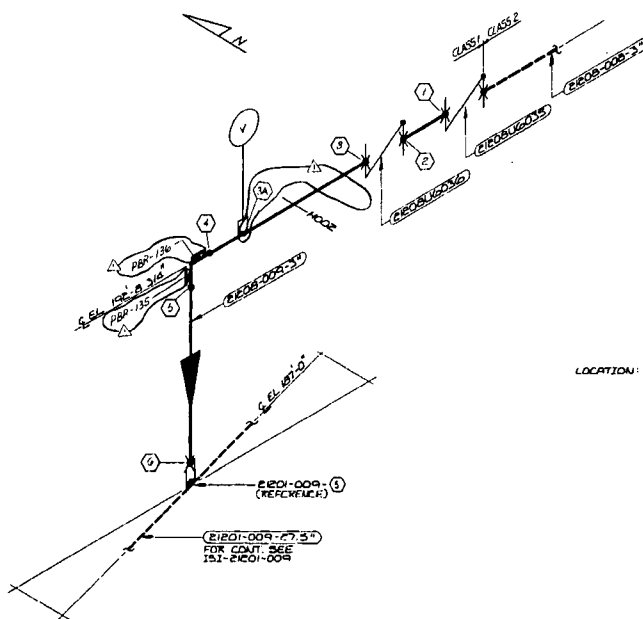
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 003 INSERVICE INSPECTION ISOMETRIC CHEMICAL & VOLUME CONTROL SYSTEM 1208	
DATE: 2-25-89	ISSUED FOR INSPECTION
BY: [Signature]	CHECKED: [Signature]
APPROVED: [Signature]	DATE: 2-25-89

NO.	DATE	DESCRIPTION	BY	CHKD	APPD	NO.	DATE	DESCRIPTION	BY	CHKD	APPD
1						1					
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8						8					

600-80212151

SCALE: 1" = 10'

LINE NUMBER	IS	LINE CLASS	PIPE SIZE	WALL THICK.	MATL. TYPE	WALL THICK.
E208-009	1	3"	160	408	SA-312	2.5"



LOCATION: UNIT 2 CONT.
R.D.O. LEVEL B,
AREA A

151-21208-009 REV. 1

REFERENCES:

D E I D E208-009-111
 FAS 150 E208-009-008-009
 HANMER DET. TAG E208-009-009
 F-SHEETS F-2569, 10570

Southern Company Services, Inc.

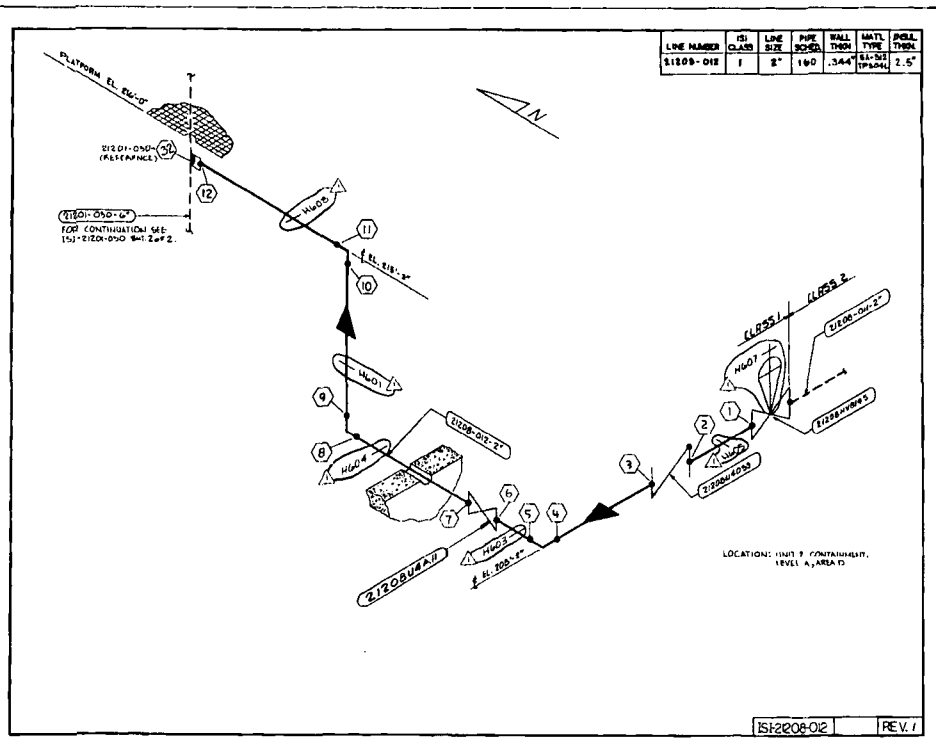
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2 - LINE NO. 009
 INSERVICE INSPECTION ISOMETRIC
 CVCS - SYSTEM 1208

ISSUED FOR INSPECTION
 11-28-88
 151-21208-009 1

151-21208-02

SCALE: 1/8" = 1'-0"



LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	POLL. THICK.
11009-D12	1	8"	160	.344	SA-105	2.5"

REFERENCES:
 P&ID: 21478-112
 FAB. LOG: 214-1101-019-01
 MANUFACT. DETAIL: 214-1101-019-01

LOCATION: UNIT 2 CONTAINMENT, LEVEL 1, AREA D

151-21208-02 REV. 1

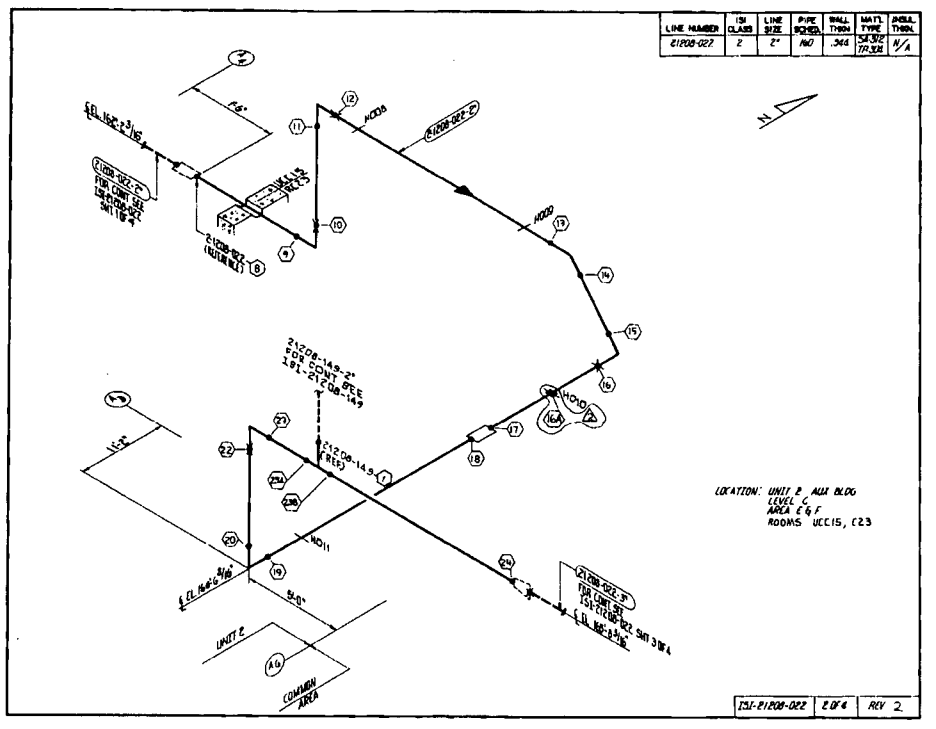
REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-28-86	ISSUED FOR INSPECTION	MB	WJD	WJD
2					
3					
4					
5					
6					
7					
8					

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 012	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
DATE: 11-28-86	BY: MB
CHKD: WJD	APP'D: WJD
151-21208-02 / 1	

220-022-2-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	LINE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
21208-022	2	2"	40	.364	SA-312	N/A



LOCATION: UNIT 2, ALL BLDG
LEVEL C
AREA E & F
ROOMS UCC15, C23

REFERENCES:

- P&ID ----- 21208110-1
- FAB ISO ----- 21208-022-05/10
- HANGER DET DINGS ----- VE-1208-022-HDR THRU H011

21208-022 204 REV 2

REVISION	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11-28-86	JJA	JJA	JJA	ISSUED FOR INSPECTION
2	2-28-87	JJA	JJA	JJA	ADD WELD #16A

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 022 INSERVICE INSPECTION ISOMETRIC CVCS -SYSTEM 1208	
DATE: 11-28-86	BY: JJA
CHKD: JJA	APP'D: JJA
SHEET 2 OF 4	2

REFERENCES

P&ID - - - - - ZK00B/16-1

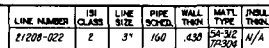
FAB 150 ----- 2K3-1208-02E-03/12

HANGER DET. LONG _____ VE-1208-022-H000, H029

F-SHEET _____ F-5985

LOCATION: UNIT 2 AUX. BLDG.
LEVEL C
AREA F

[illegible]

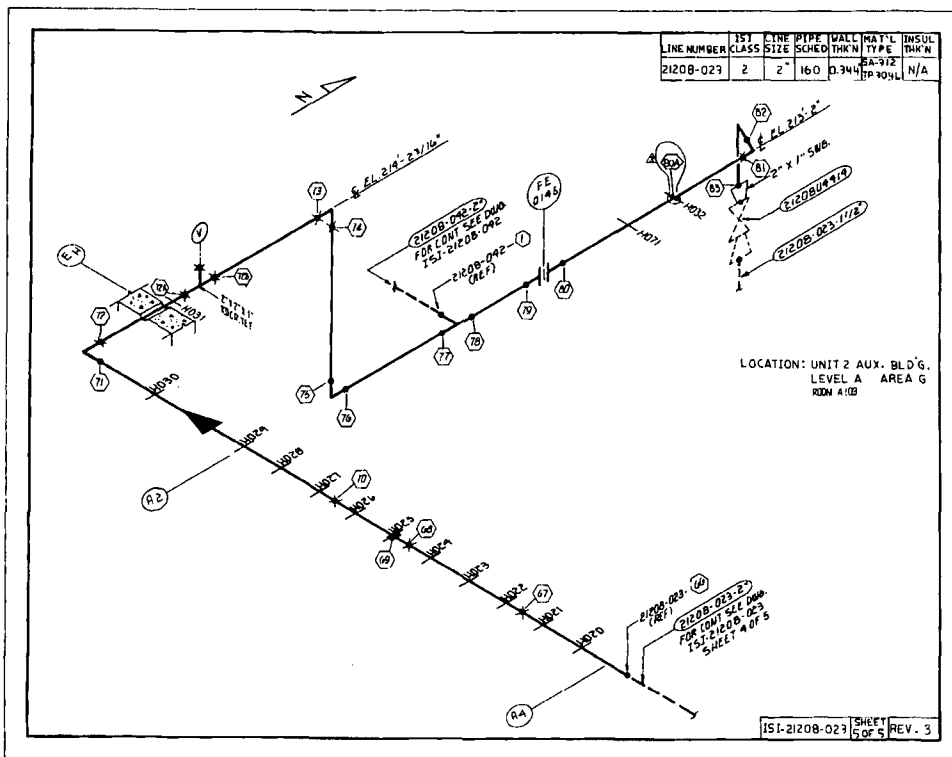


LOCATION: UNIT 2 AUX BLDG
LEVEL B
AREA F
ROOM B181 & B187

PGID ----- EXADB116-1
FAB ISO ----- ZKS-1200-022-0117
HANGER DET. DMG ----- VP-1200-022-H015
H025 THRU H028

REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION	
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120-80212-151



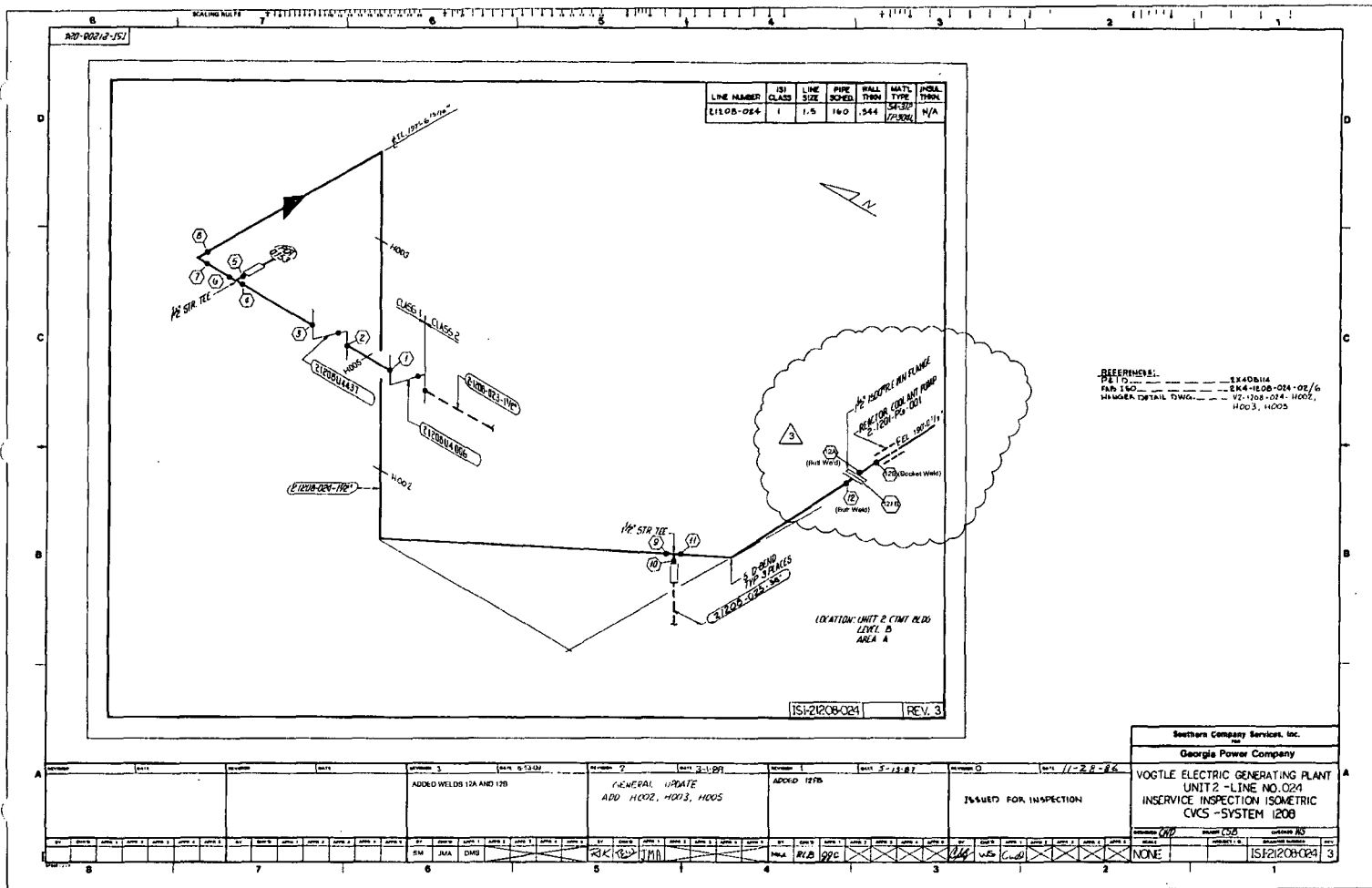
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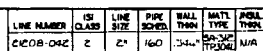
P & I.D. 2X4DB116C
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 H021, H022, H023, H024,
 H025, H026, H027, H028,
 H029, H030, H031, H032
 H071

LOCATION: UNIT 2 AUX. BLD'G.
 LEVEL A AREA G
 ROOM A10B

151-21208-023 SHEET 5 OF 5 REV. 3

Southern Company Services, Inc.											
Georgia Power Company											
VOGTLE ELECTRIC GENERATING PLANT				UNIT 2-LINE NO. 023				INSERVICE INSPECTION ISOMETRIC			
CHEMICAL & VOLUME CONTROL				SYSTEM 1208				SHEET 5 OF 5			
NONE				151-21208-023				3			





P&ID _____ EX4DBIM
FAB ISO _____ 2K3-208083-09
HANGER DET. DWG. _____ VE-1208-042-H001
AND MORE

LOCATION: UNIT 2 AUX.
BLDG., LEVEL A,
AREA 3

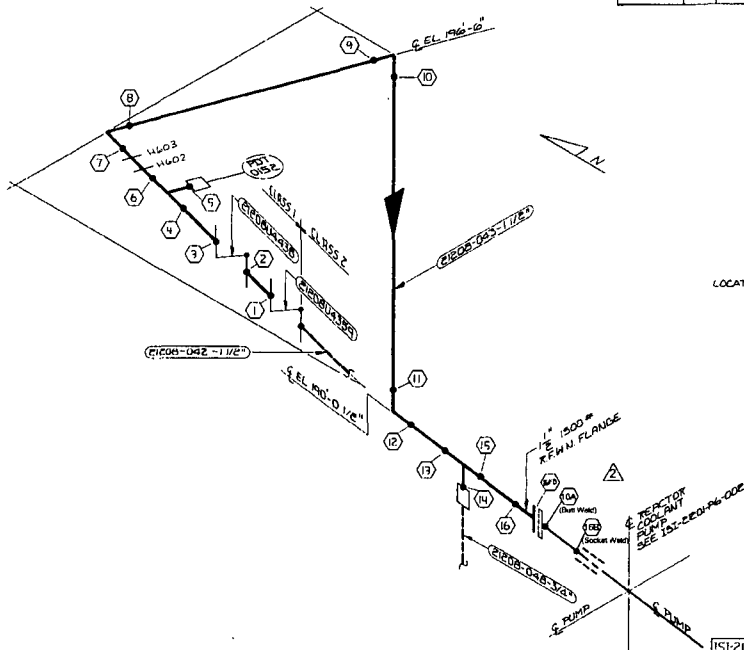
ISI-21208-042	REV. 2
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[illegible]

ISO-21208-043

SCALING RULES

LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
ISO-21208-043	1	1.5"	Std	CD1"	TR300L	N/A



LOCATION: UNIT 2, CTMT.
DIA. LEVEL B,
AREA 2

REFERENCES:

2X47B11d
P&ID
FAB ISO
HAUSCH DET. DWO
ISO-21208-043-02/3
H603

ISO-21208-043 REV. 2

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 043
INSERVICE INSPECTION ISOMETRIC
CVCS-SYSTEM 1208

REVISION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
1	11-28-86	ISSUED FOR INSPECTION	2	11-28-86	1	11-28-86	1	11-28-86

1	11-28-86	ISSUED FOR INSPECTION	2	11-28-86	1	11-28-86	1	11-28-86
1	11-28-86	ISSUED FOR INSPECTION	2	11-28-86	1	11-28-86	1	11-28-86

1	11-28-86	ISSUED FOR INSPECTION	2	11-28-86	1	11-28-86	1	11-28-86
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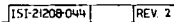
ISO-21208-043 2

REFERENCES:

F & ID _____ ZK4DB114

FAB ISO _____ ZK3-IZOB-Q23-05 3
ZK7-IZOB-Q44-01 6

HANGER DETAIL DWG _____ VZ-IZOB-Q44-HOO1 THRU HOO6

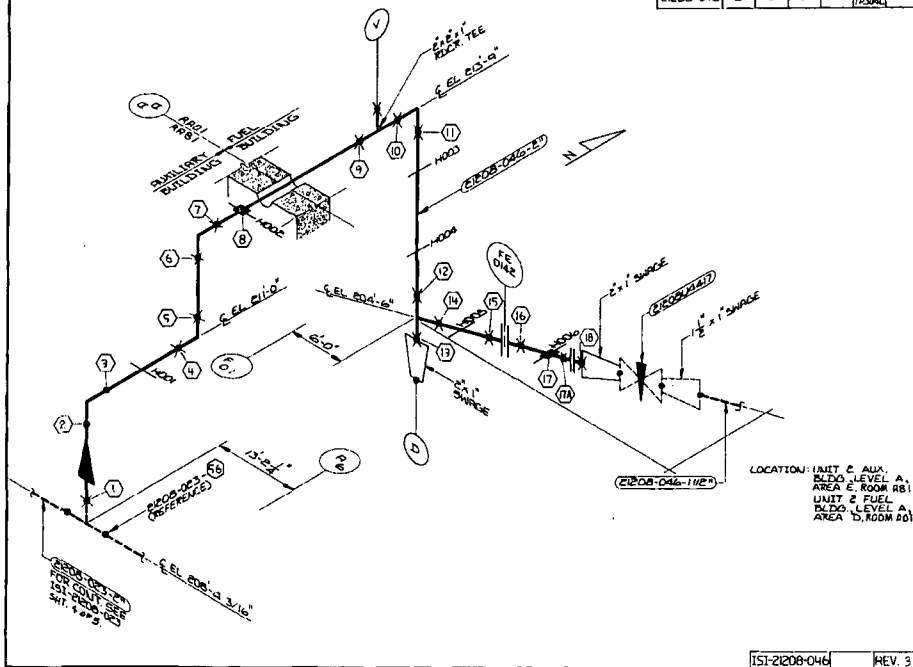


Southern Company Services, Inc.			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 044 INSERVICE INSPECTION ISOMETRIC CVCS-SYSTEM 1208			
REFERENCE CWD	ISSUE 8426	QUANTITY 35	
NAME	PROJECT	ISSUE NUMBER	REV.
NONE		151-21208-044	2

940-80212-151

SCALE: 1/4" = 1'-0"

LINE NUMBER	SI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	WALL TYPE	WALL THICK.
21208-046	2	2"	160	3/4"	2A-3C	N/A



LOCATION: UNIT 2, AREA 1, ROOM 801
AREA 2, ROOM 801
UNIT 2, FUEL TANK, LEVEL A, AREA 1, ROOM 801

ISI-21208-046 REV. 3

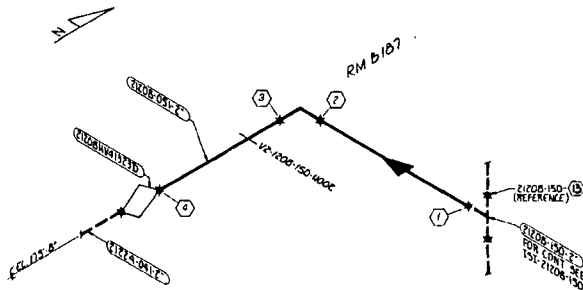
REFERENCES:

P&ID: 21208-046
FAB. ISO: 21208-046-01/02
HAUGER DCT. DWG: 21208-046-001
TITLE: H000

REVISION	DATE	BY	CHKD	APP'D	DESCRIPTION	DATE	BY	CHKD	APP'D	DESCRIPTION	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11-28-86				ISSUED FOR INSPECTION										
2	4-28-87				ADDED READ IN										
3	12-15-88				ADDED WELD 17A & FLANGES REVISED WELDS 1, 4, 5, 6, 7 & REFERENCES SHIFTED WELD 8A & NOTE										
4	1-15-89				GENERAL UPDATE										

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 046 INSERVICE INSPECTION ISOMETRIC CVCS-SYSTEM 1208	
ISSUED FOR INSPECTION	DATE: 11-28-86
BY: [Signature]	CHKD: [Signature]
APP'D: [Signature]	DATE: 12-15-88

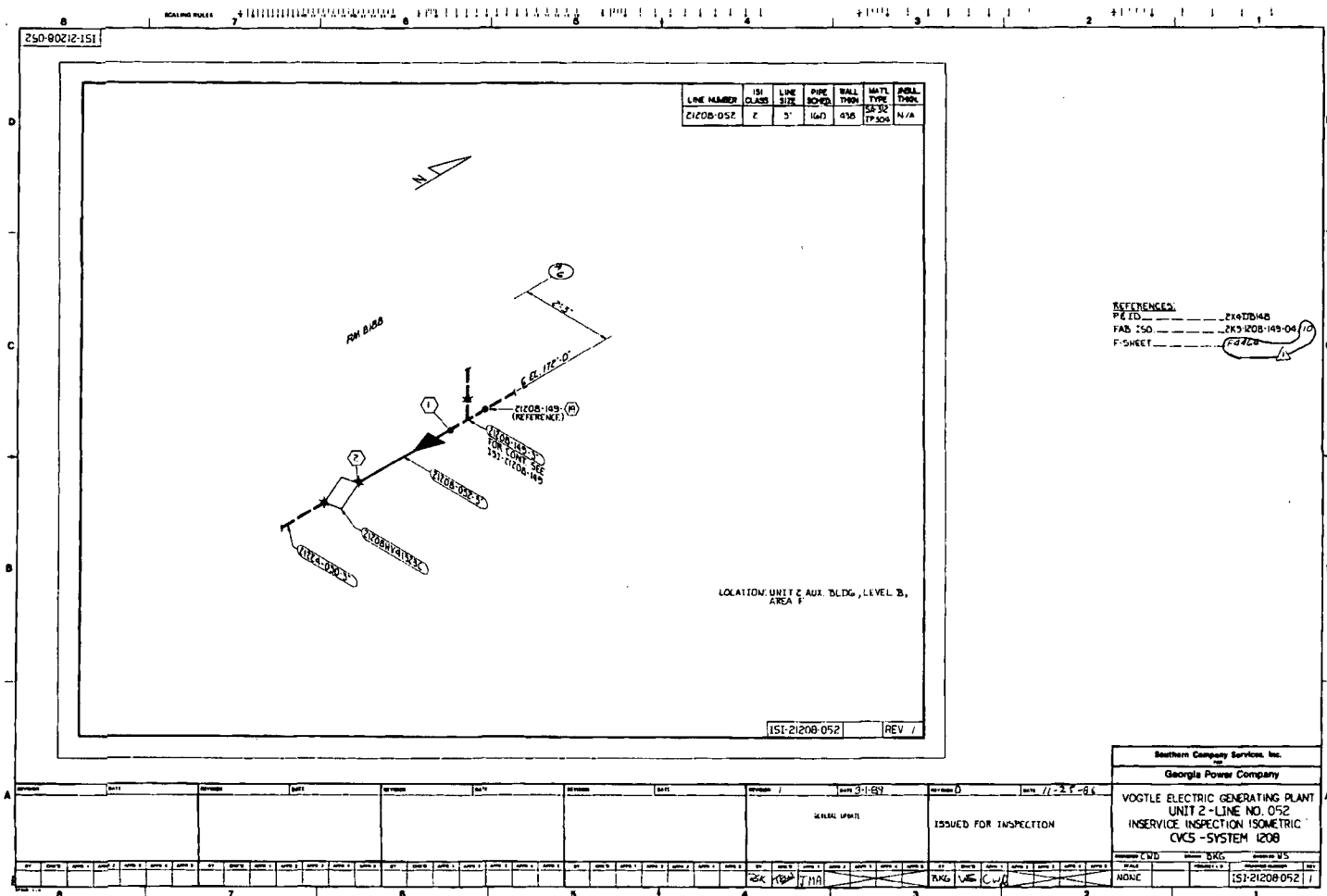
LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	INSTR THICK
2120B-051	C	2"	K80	.344	SA-312 TP 304	N/A



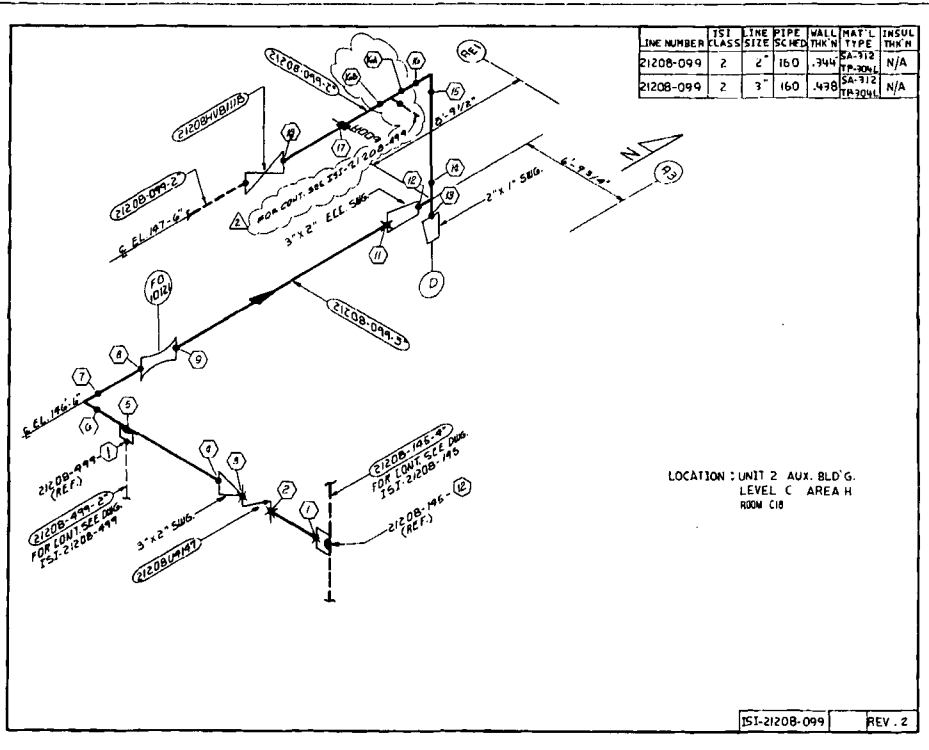
LOCATION: UNIT 2 AUX. BLDG., LEVEL B,
AREA F

REFERENCES:
P&ID _____ 2K4DBM8
FAB ISO _____ 2K3-1208-150-019
HANGER DETAIL DWG _____ V2-1208-150-H002

[illegible]



66090212151



LINE NUMBER	CLASS	SIZE	PIPE SCHED	WALL THK N	MAT'L TYPE	INSUL THK N
21208-099	2	2"	160	.344	SA-312	N/A
21208-099	2	3"	160	.498	SA-312	N/A

REFERENCES

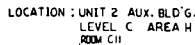
P & I.D. ----- 2X4DB116-2
 FAB ISO ----- 2K3-1208-099-01/7
 HANGER DET. DWG. ----- 10-100-000-1000
 F- SHEETS ----- F-1126, F-1127, F-10959

LOCATION: UNIT 2 AUX. BLD'G.
 LEVEL C AREA H
 ROOM C10

151-21208-099 REV. 2

DATE	BY	CHKD	APP'D	DATE	BY	CHKD	APP'D	DATE	BY	CHKD	APP'D	DATE	BY	CHKD	APP'D	DATE	BY	CHKD	APP'D

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 099	
INSERVICE INSPECTION ISOMETRIC	
CHEMICAL & VOLUME CONTROL	
SYSTEM 1208	
ISSUED FOR INSPECTION	151-21208-099 2



LINE NUMBER	IS1 CLASS	LINE SIZE	PIPE SCHED	WALL THK'N	MAT'L TYPE	INSUL THK'N
21208-101	2	2"	160	3/16"	SA-312 TP-304L	N/A
21208-101	2	3"	160	.438	SA-312 TP-304L	N/A

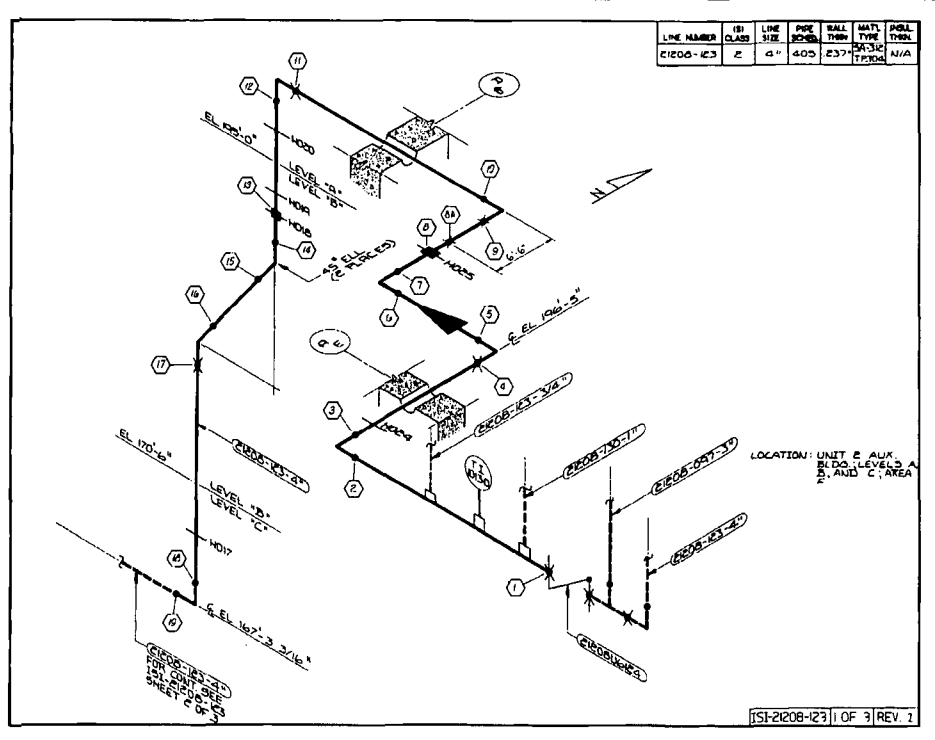
P & I.D. _____ 2X408116-2
FAB ISO _____ 2K3-1208-099-01/7
 2K3-1208-101-01/11
HANGER DET. DWG. _____ V2-1208-101-H007
F-SHEETS _____ F-1128, F-1129, F-10960

[illegible]

621-80212-151

SCALING RULES

LINE NUMBER	SI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	PSLL. TYPOL.
21208-123	2	6"	40S	E37	SA-312 TYPOL.	N/A



LOCATION: UNIT 2 AUX. BLDG. LEVELS A, B, AND C, AREA

REFERENCES:

P&ID	21208-123-1
P&ID	21208-123-2
P&ID	21208-123-3
HANDLER DET. DND	VE-1208-123-HD1
F-SHEETS	F-5084, 7400, 7401, 7402, 7403

151-21208-123 1 OF 3 REV. 1

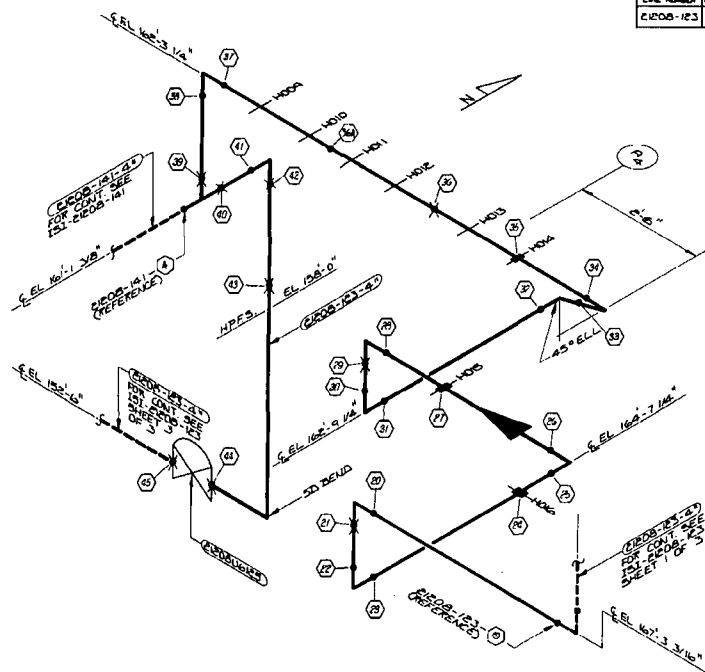
REVISION	DATE	DESCRIPTION	BY	CHKD.	APP'D.
1	11-28-86	ISSUED FOR INSPECTION			
2		ADD WELD BA REVERSE WELD 7 / REFERENCE			
3		REWORK UPDATE			

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 123	
INSERVICE INSPECTION ISOMETRIC	
CVCS-SYSTEM 1208	
DATE	11-28-86
BY	151-21208-123 2

621-80212-151

SCALING RULES

LINE NUMBER	ISI	LINE CLASS	PIPE SIZE	WALL THICK	MAT. TYPE	INSUL. THICK
1208-123	E	G	40	0.07	SAC30	N/A



LOCATION: UNIT 2 AUX. BLDG. LEVEL
CLEARANCE E, F, AND H.

ISI-21208-123 2 OF 3 REV. 2

REFERENCES:

P&ID: 214101/16-1
FAB. 150: 2143-1008-123-01/1
HANGER DET. DWG: 123-1008-123-01/1
F-SHEETS: 4778, 4779, 5181, 5182

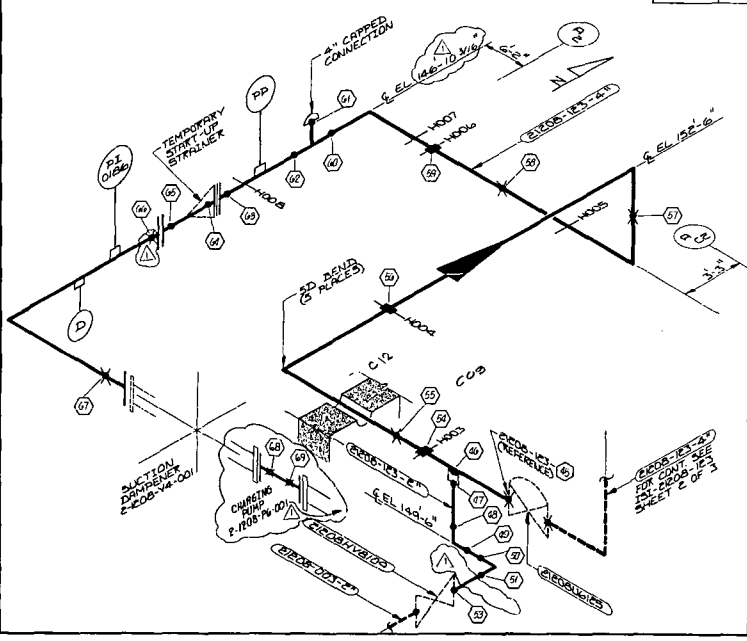
REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	3-1-89	GENERAL UPDATE	JMK	JMR	
2	6-28-89	REVISED WELD NO. 40 AT 4 REFERENCES	CL	CHAL	HEM
3	11-28-06	ISSUED FOR INSPECTION	DDT	W	CL

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 123	
INSERVICE INSPECTION ISOMETRIC	
CVCS-SYSTEM 1208	
DESIGNED: CHD	CHECKED: BSI
DRAWN: BSI	DATE: 11-28-06
SCALE: AS SHOWN	PROJECT: 15121208-123
SHEET: 2	OF: 3

E2-60212-1S1

SCALING RULES

LINE NUMBER	IS	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	POUL. THICK.
E2-60212-123	C	C	4"	40S	.257"	SA-312	N/A
E2-60212-123	C	C	4"	40S	.154"	SA-312	N/A



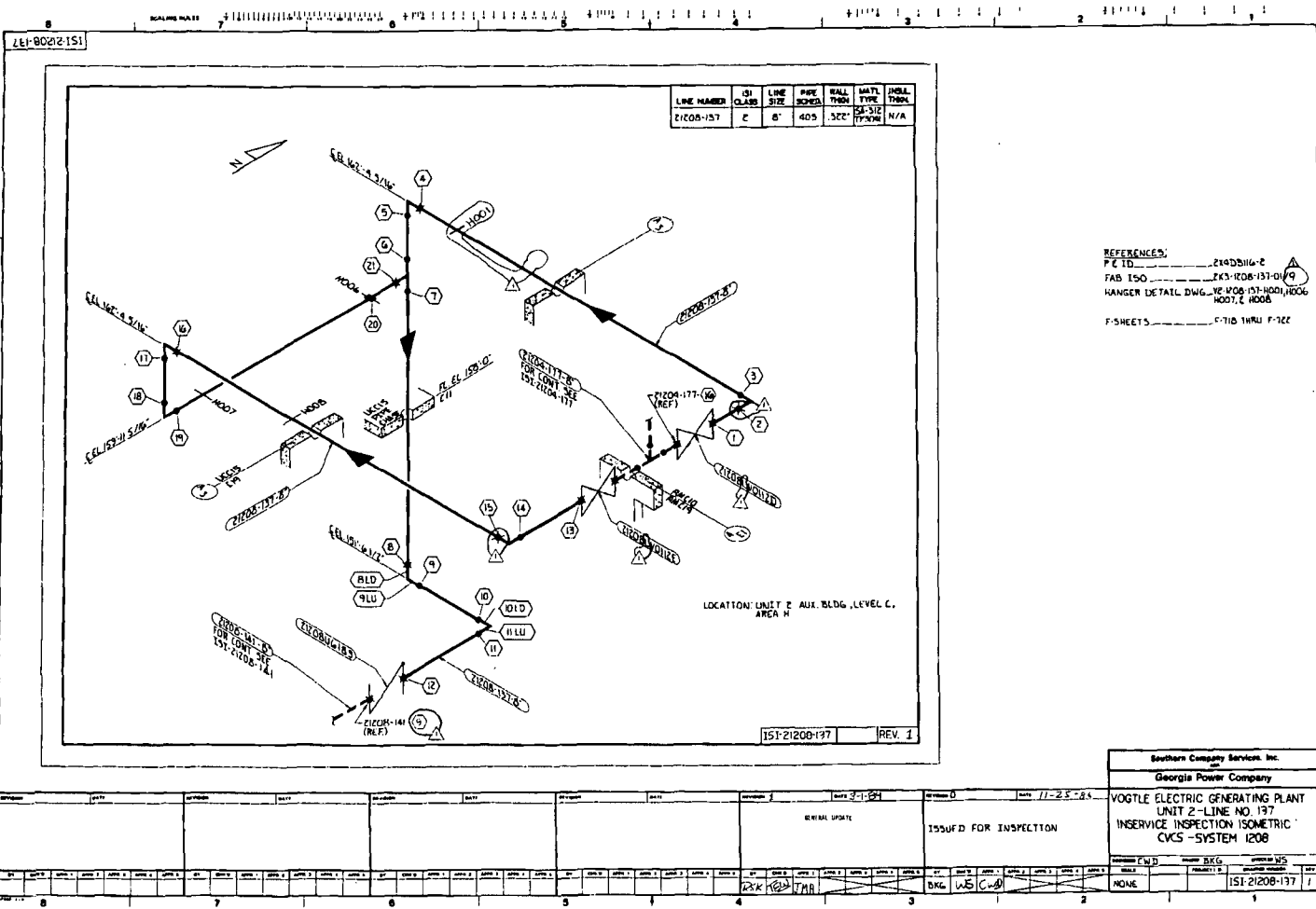
LOCATION: UNIT 2-AUX. BLDG. LEVEL C, AREA H

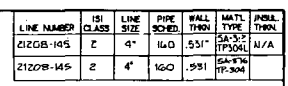
IS1-21208-123 OF 3 REV. 1

REFERENCES:

- P & I D. E2-60212-1
- FAB. ISO. E2-60212-1
- HANGER DET. DWG. E2-60212-1
- F-SHEETS E2-60212-1

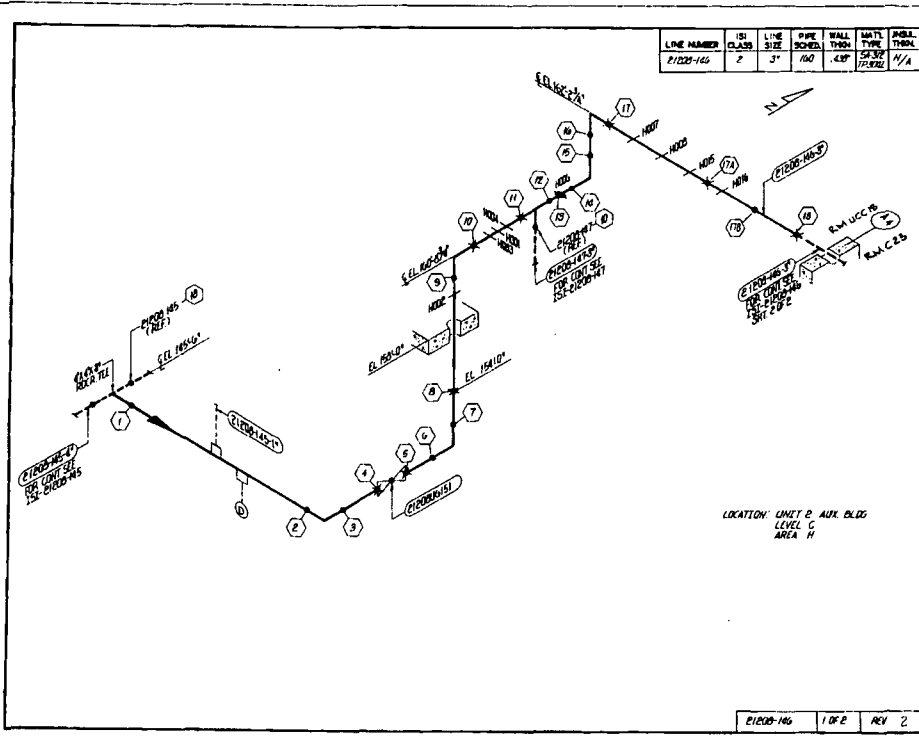
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 123	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
REVISION	BY
1	BS
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6	BS
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100	BS



[illegible]

Southern Company Services, Inc.			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT			
UNIT 2- LINE NO. 145			
INSERVICE INSPECTION ISOMETRIC			
CWCS - SYSTEM 1208			
REVISIONS	CWS	ISSUED BY	DATE
1	NONE	PROJECT Y. 2	ISSUED NUMBER
		1ST-21208-145	3

LINE NUMBER	CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	WELD TYPE
E1205-146	2	3"	100	.437	SA-337	STANDARD



REFERENCES

P&ID - E1205-146-1, 10-2
 RAD ISO - E1205-146-01/10-2
 HANGER DET. DRUGS - E1205-146-01/10-2
 F-SHEETS - F-574 THRU F-577, F-578, F-579, F-580, F-581, F-582

LOCATION: UNIT 2, AUX. BLDG.
 LEVEL C
 AREA H

E1205-146 1 OF 2 REV 2

REVISIONS									
NO.	DATE	DESCRIPTION	BY	CHKD	APP'D	DATE	NO.	DATE	DESCRIPTION
1	11-28-86	ISSUED FOR INSPECTION					2	11-28-86	ADDED WELDS 17A & 17B RELATED DRUGS REVISED REFERENCES 1 WELD 18
3	11-28-86						4	11-28-86	
5	11-28-86						6	11-28-86	
7	11-28-86						8	11-28-86	

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 146	
INSERVICE INSPECTION ISOMETRIC	
CVCS-SYSTEM 1208	
DESIGNED BY	1208-146-01
CHECKED BY	1208-146-01
DATE	11-28-86
REV	2



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WELL THICK
E1205-146	E	3"	160	438"	SA-512 TP304H	N/A

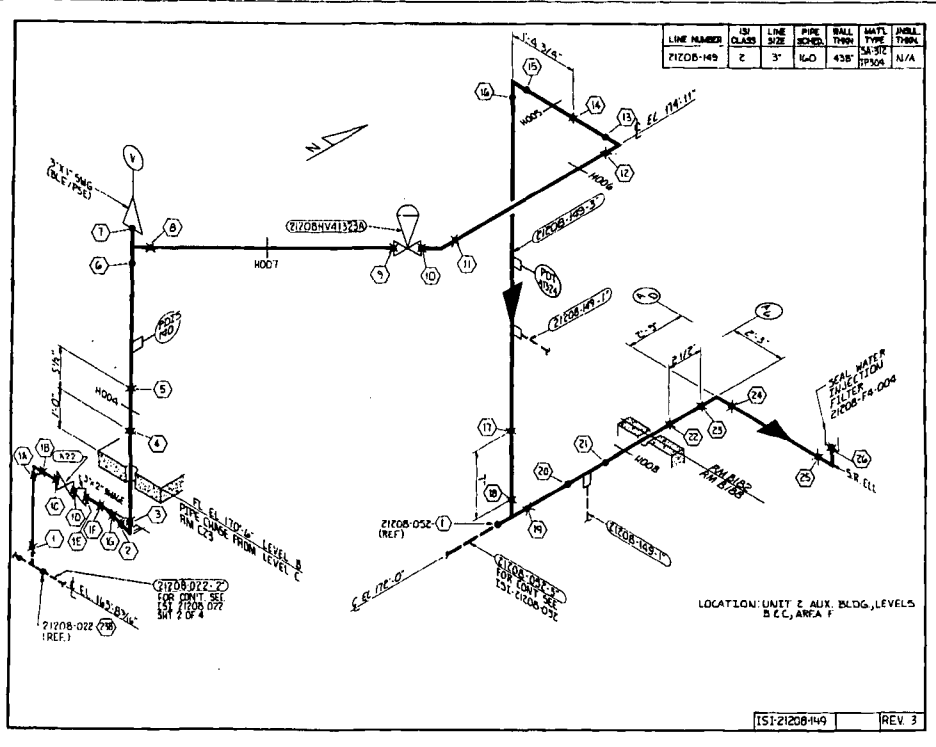
REFERENCES:

P&ID-----EX4DB116-1, 116-2
 F&B ISO-----EK3-1208-146-116-2
 HANDED DET. DWO-----VE-1208-146-116-2
 F-SHEETS-----THRU 1014
 5055, 5036, 5037

ISI-21208-146 2 OF 2 REV. 2

[illegible]

6H-80212-151

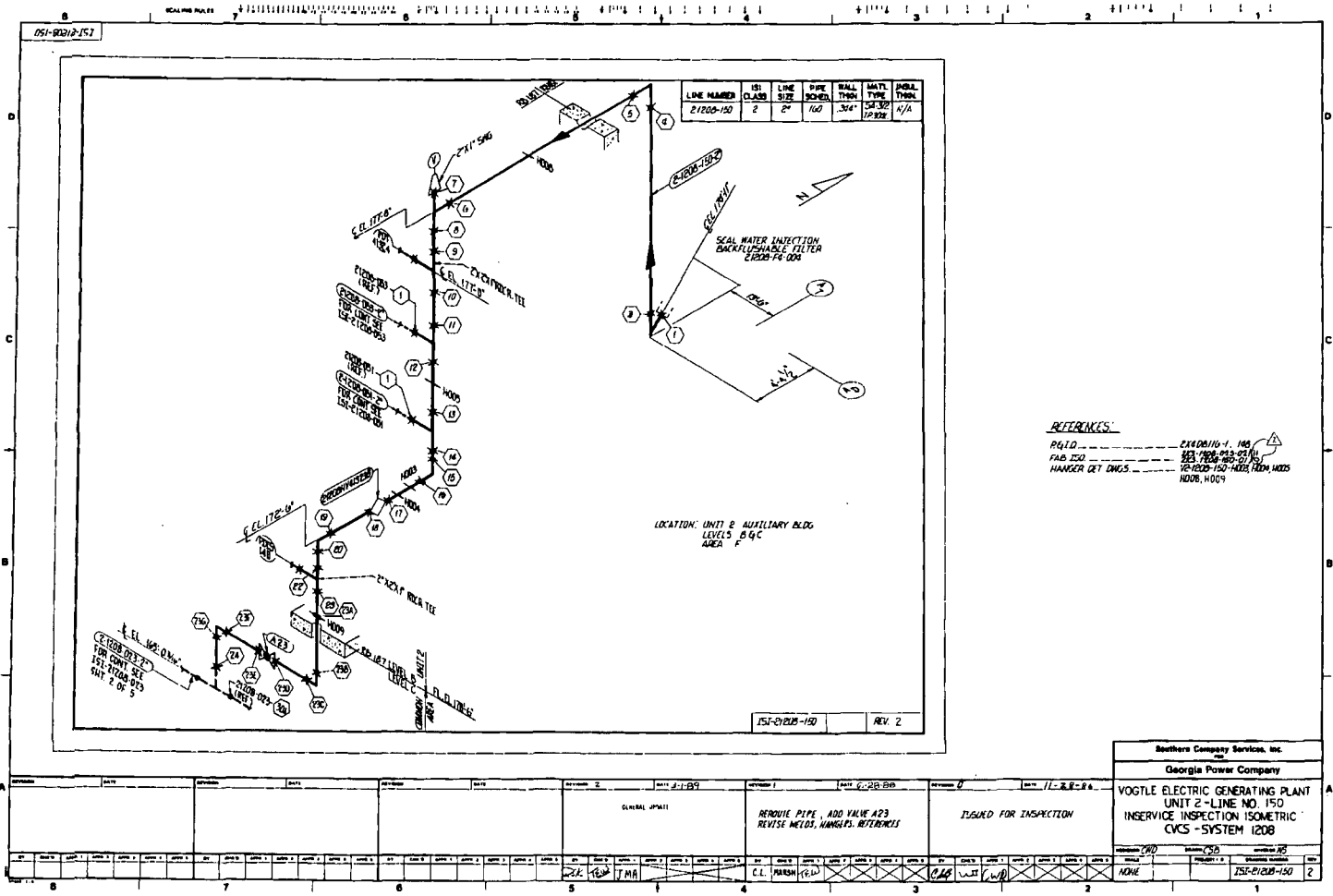


REFERENCES:
 PZ 150 _____ Z140B14-1, 148
 FAB 150 _____ ZK3-1208-022-03/12
 HANGER DETAIL DWG _____ VE-1008-149-N1004-1
 THRU 1008
 F-SHEET _____ F-11474 THRU F-11475

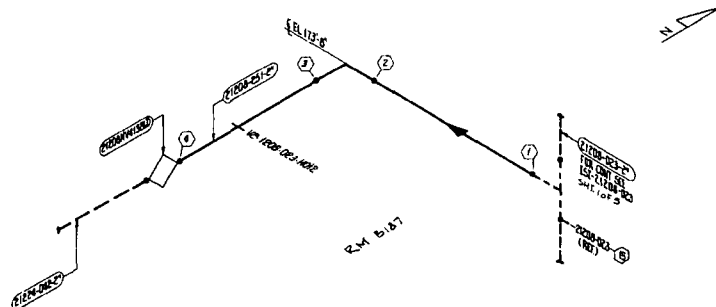
LOCATION: UNIT 2 AUX. BLDG., LEVELS
 B & C, AREA F

151-21208-149 REV 3

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 149	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
REVISION	DESCRIPTION
1	ISSUED FOR INSPECTION
2	ADD WELD 10A
3	REROUTED PIPE
4	ADDED VALVE AND
5	REMOVED WELDS, HANGERS 1006 & 1007, REF'S
6	GENERAL UPDATE
7	DATE: 2-1-87
8	DATE: 2-1-87
9	DATE: 2-1-87
10	DATE: 2-1-87
11	DATE: 2-1-87
12	DATE: 2-1-87
13	DATE: 2-1-87
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96	DATE: 2-1-87
97	DATE: 2-1-87
98	DATE: 2-1-87
99	DATE: 2-1-87
100	DATE: 2-1-87



LINE NUMBER	IS	LINE CLASS	PIPE SIZE	PIPE SCH. NO.	WALL THICK.	MATL. TYPE	INSUL. THICK.
21200-251	2	2"	160	344	34-372	175000	N/A



LOCATION: UNIT 2 AUX BLDG.
LEVEL 0
AREA F
ROOM B187

ISI-21200-251 REV 1

REFERENCES

P&ID ----- 21200-251
P&ID ISO ----- 21200-251-001
HANGER DET. DIMS ----- V2-1200-023-NONE

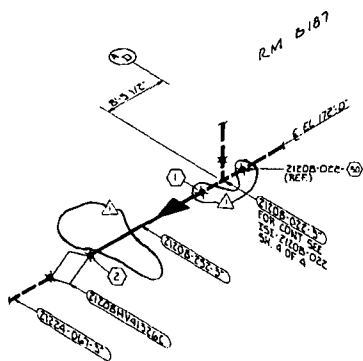
REVISION		DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
1	21200-251	11-1-86	ISSUED FOR INSPECTION	2	21200-251	11-1-86	ISSUED FOR INSPECTION	3	21200-251	11-1-86	ISSUED FOR INSPECTION

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 251	
INSERVICE INSPECTION ISOMETRIC	
CVCS-SYSTEM 1208	
DATE	11-1-86
BY	ISI-21200-251

252-80212-151

SCALE: 1"=10'

LINE NUMBER	ID	LINE CLASS	PIPE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	WALL THICK.
21208-252	2	3"	160	638	17304	N/A	



LOCATION: UNIT C AUX. BLDG., LEVEL B, AREA F

151-21208-252 REV 1

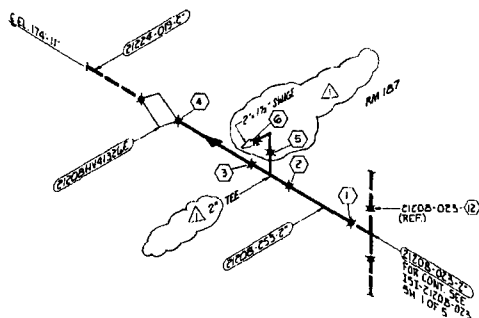
REFERENCES:

P&ID: 21408148
 TAB 100: P&S-1008-002-017
 HANGER DETAIL DWG: NONE
 F-SHEET: C-4452

DATE	BY	REVISION	DESCRIPTION
11-11-86	JMA	1	ISSUED FOR INSPECTION
11-11-86	JMA	2	DELETED H001

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 252	
INSERVICE INSPECTION ISOMETRIC	
CVKS - SYSTEM 1208	
PROJECT	CVKS
DATE	11-11-86
BY	JMA
CHECKED	WES
APPROVED	WES
151-21208-252	1

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	JACKET THICK.
CICOB-255	2	2"	160	.344	SA-312 TP304	N/A



LOCATION: UNIT 2 AUX. BLDG., LEVEL B,
AREA F

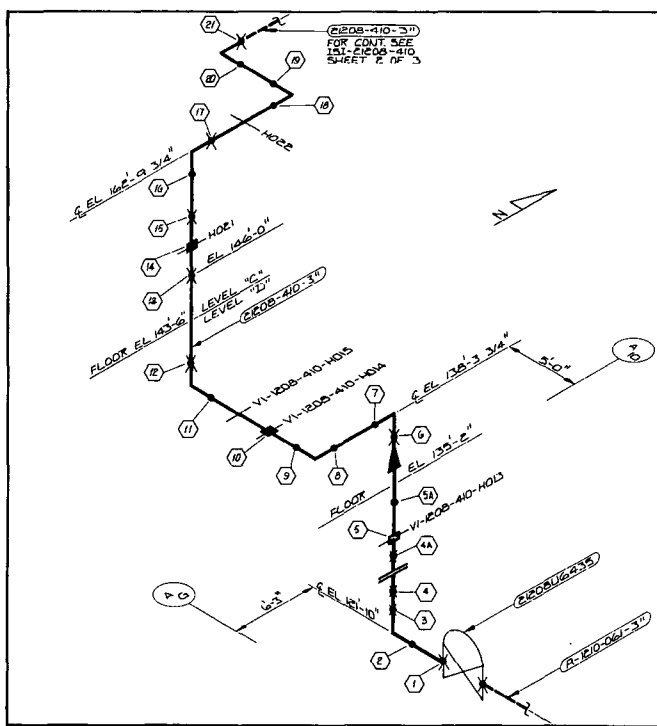
REFERENCES:
P&ID _____ 214DB/4B
FAB ISO _____ 2K3-1208

151-21208-253		REV. 1
---------------	--	--------

[illegible]

01h-80212-151

SCALING RULES



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	WALL THICK.
21208-410	E	3"	40S	2 1/16"	SA-312 TP304L	N/A

REFERENCES:

- P&I.D.-----214DD116-E
AK4DD123-1
- ASB. ISO-----EKS-2008-410-116
- HANGER DET.DWG.-----VI-2008-410-HO13, HO14, HO15, VS-2008-410-HO13, HO14, HO15
- F-SHEETS-----F-2147, F-2148, F-2149, F-2150

LOCATION: UNIT 2 AUX. BLDG., LEVELS C AND D, AREA 2

ISI-21208-410 OF 3 REV. 3

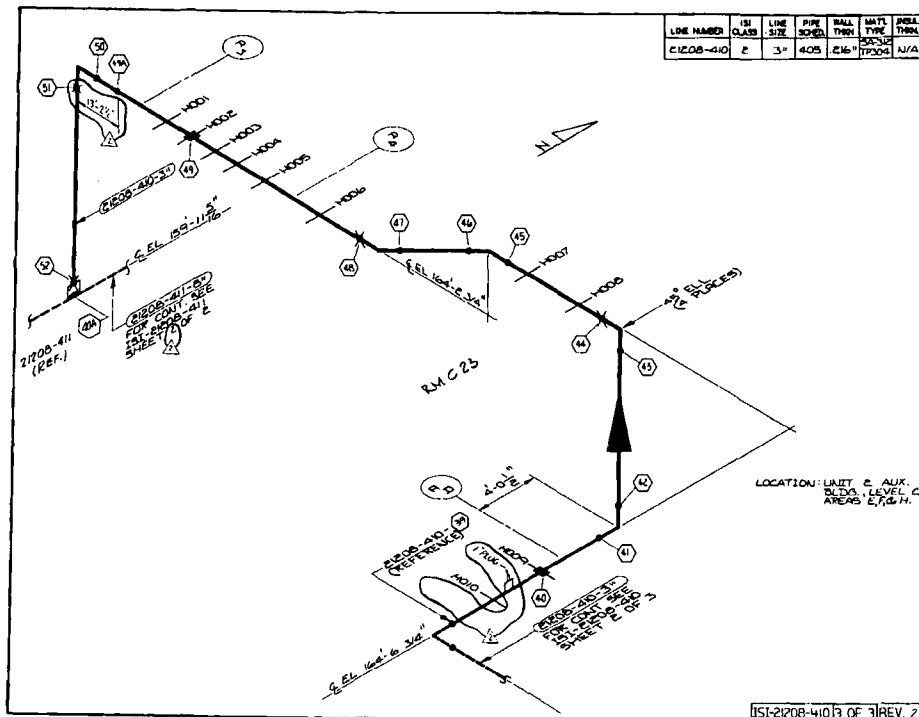
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 410 INSERVICE INSPECTION ISOMETRIC CVCS -SYSTEM 1208	
DESIGNED BY NONE	CHECKED BY V.S. L.B.
SHEET 7 OF 3 ISI-21208-410 3	

REVISION	DATE	DESCRIPTION
REVISION 3	DATE 3-1-89	GENERAL UPDATE
REVISION 2	DATE 6-28-88	ADDED WELD 5A REVISED WELD 3 & REFERENCES
REVISION 1	DATE 1-28-87	ADDED WELD 4A & FLANGE
REVISION 0	DATE 11-24-86	ISSUED FOR INSPECTION

014-60212-151

SCALING RULES

LINE NUMBER	SI CLASS	LINE SIZE	PURPOSE	WALL THICK	MATERIAL	WELL THICK
C1208-410	2	3"	405	2 1/2"	TP304	N/A



IST-21208-410 3 OF 3 REV. 2

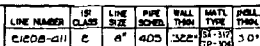
REFERENCES:

P&ID 2A400B/K6-E
 P&ID 7K3-1208-410-03-0
 HANGER DET. DWG VP-1208-410-H001
 T&FD H010
 F-SHEETS E-21208-410-03-0
 S117

LOCATION: UNIT 2-AUX.
 BLDG. LEVEL 4
 AREAS E, F, & H.

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D	REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	3-1-87	ISSUED FOR INSPECTION				2	4-28-87	ADDED WELD 49A			
3	11-26-86										

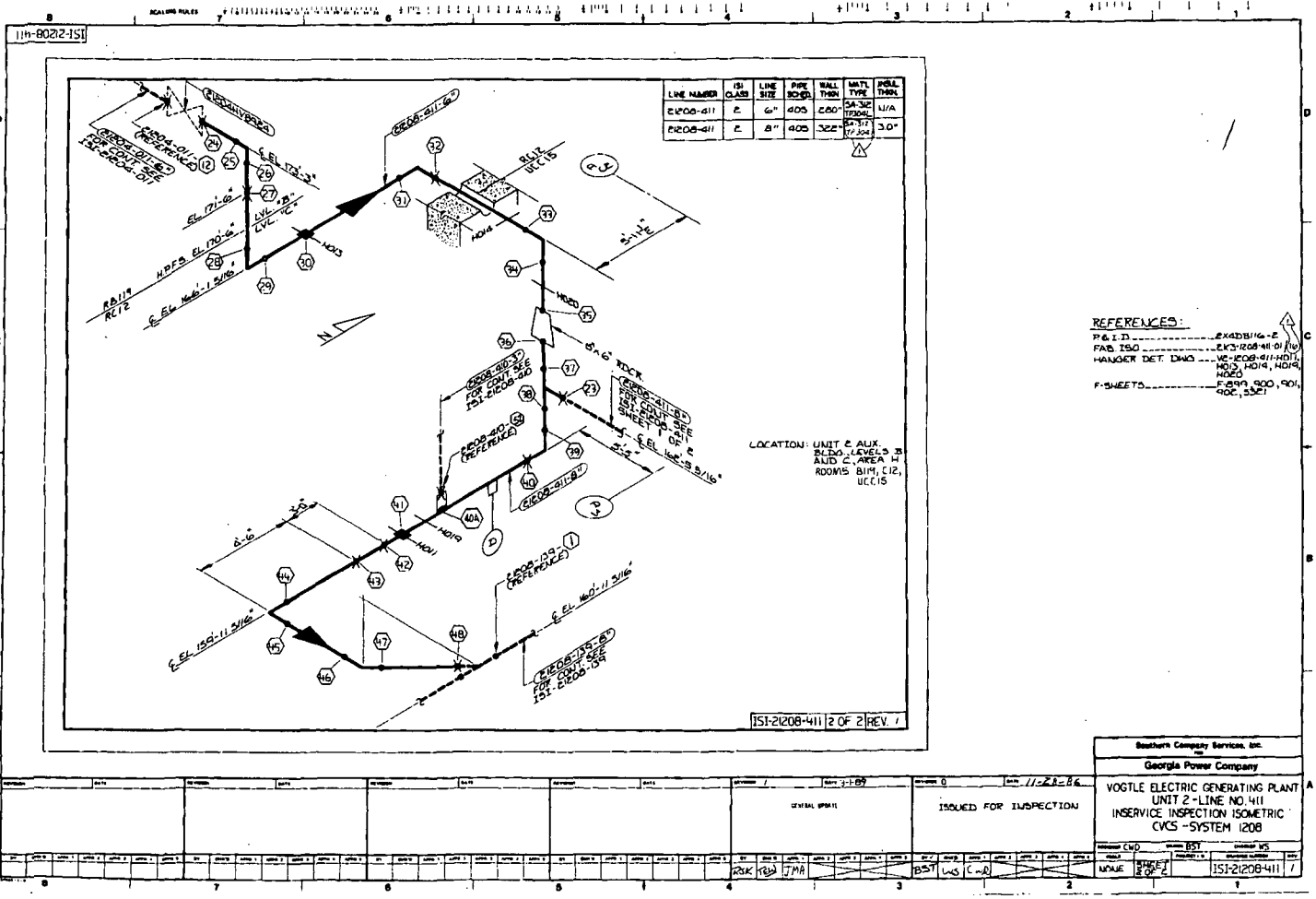
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 410	
INSERVICE INSPECTION ISOMETRIC	
CVCS - SYSTEM 1208	
REVISION	DATE
1	3-1-87
2	4-28-87
3	11-26-86



LOCATION: UNIT 2 AUX.
BLDG., LEVEL C,
AREA 9, E & H

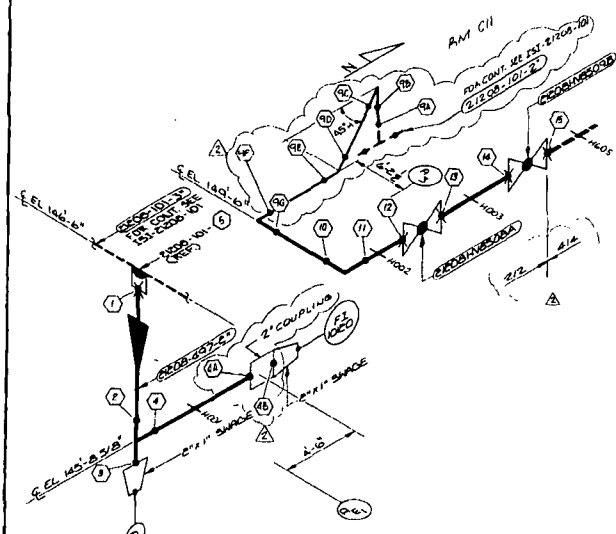
P 61D-----2X4DBH16-2,
 2X4DBH22
 FAB ISO-----2X3-K08-411011
 MANOFER DET DWO-----VE-208-411-H00
 H002, H003,
 H004, H006,
 H007, H010,
 H013, H016,
 H017, H018
 H021, H025
 F-SHEETS-----F-892 THRU
 F-898, 3898

[illegible]



66-90212-151

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATERIAL	WALL THICK.
21008-497	E	2"	160	3/4"	S35C	N/A



LOCATION: UNIT 2 AUX. BLDG.
LEVEL C
AREA H
ROOM C11

151-21008-497 REV. 2

REFERENCES:

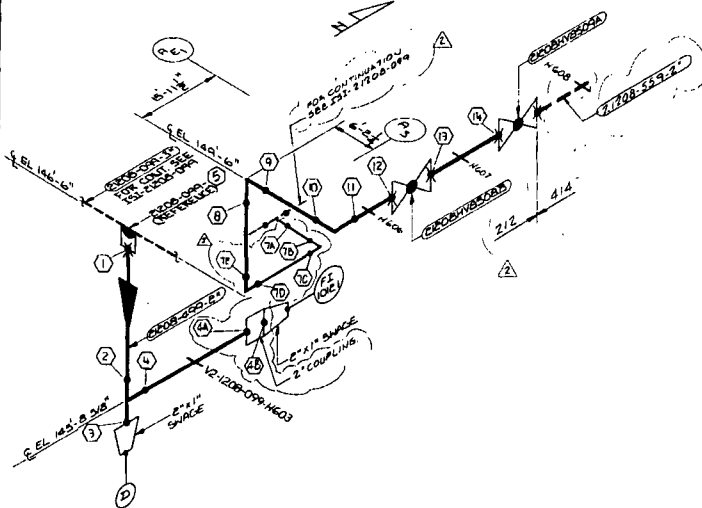
P&ID: FKAD5116-2
P&ID: EJS-2008-497 (01/01/01)
HAUGER DET DMS: V7-1008-497 (01/01/01)
HMR: H003, H005

REVISION		DATE	DESCRIPTION		DATE	REVISION 2		DATE 8-18-86	REVISION 1		DATE 3-1-87	REVISION 0		DATE 11-28-84	VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 497 INSERVICE INSPECTION ISOMETRIC CVCS-SYSTEM 1208	
			INCORPORATED DESIGNED WELDS 6.7, 7.0, 9.1, 9.17 & 8.1. ADDED WELDS 6A, 6B, 6C, 6D, 6E, 6F & 6G. CHANGED I.D.T. BOUNDARY.						GENERAL IMPROVEMENTS ADD H001 THRU H002, H003			ISSUED FOR INSPECTION				
BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	
WJS	11-8	WJS	11-8	WJS	11-8	WJS	11-8	WJS	11-8	WJS	11-8	WJS	11-8	WJS	11-8	

604-8022-151

SCALE: 1/8" = 1'-0"

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
1208-499	C	2"	160	3/16"	304L	N/A



LOCATION: UNIT 2 AUX. BLDG.
LEVEL C
AREA H
ROOM C18

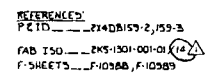
151-21208-499 REV. 2

REFERENCES:

P&ID: 2X405/16-C
P&ID: 2X405/16-C
HAUGER DET. TING: V2-1708-099 H403
V2-1208-499 H406 THRU H408

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D	REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D	REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	5/1/74	INCORPORATED DCP 01/12/07 DELETED WELDS R, C, 7, 16, 16, 17 & 18. ADDED WELDS 4A, 4B, 7A, 18, 7C, 7D & 7E. CHANGED 18" BOUNDARY.	WS	ML	MS	2	2-1-85	GENERAL UPDATE ADD H403, H406 THRU H408	WS	ML	MS	3	11-28-86	ISSUED FOR INSPECTION	WS	ML	MS
4			WS	ML	MS	5			WS	ML	MS	6			WS	ML	MS
7			WS	ML	MS	8			WS	ML	MS	9			WS	ML	MS
10			WS	ML	MS	11			WS	ML	MS	12			WS	ML	MS
13			WS	ML	MS	14			WS	ML	MS	15			WS	ML	MS
16			WS	ML	MS	17			WS	ML	MS	18			WS	ML	MS
19			WS	ML	MS	20			WS	ML	MS	21			WS	ML	MS
22			WS	ML	MS	23			WS	ML	MS	24			WS	ML	MS
25			WS	ML	MS	26			WS	ML	MS	27			WS	ML	MS
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73			WS	ML	MS	74			WS	ML	MS	75			WS	ML	MS
76			WS	ML	MS	77			WS	ML	MS	78			WS	ML	MS
79			WS	ML	MS	80			WS	ML	MS	81			WS	ML	MS
82			WS	ML	MS	83			WS	ML	MS	84			WS	ML	MS
85			WS	ML	MS	86			WS	ML	MS	87			WS	ML	MS
88			WS	ML	MS	89			WS	ML	MS	90			WS	ML	MS
91			WS	ML	MS	92			WS	ML	MS	93			WS	ML	MS
94			WS	ML	MS	95			WS	ML	MS	96			WS	ML	MS
97			WS	ML	MS	98			WS	ML	MS	99			WS	ML	MS
100			WS	ML	MS	101			WS	ML	MS	102			WS	ML	MS

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2-LINE NO. 499	
INSERVICE INSPECTION ISOMETRIC	
CVCS-SYSTEM 1208	
CHIEF	DATE
WS	11-28-86
NOVE	151-21208-499 2



LOCATION: UNIT 2 AUX. BLDG., LEVEL 1,
AREA G

NOTES:

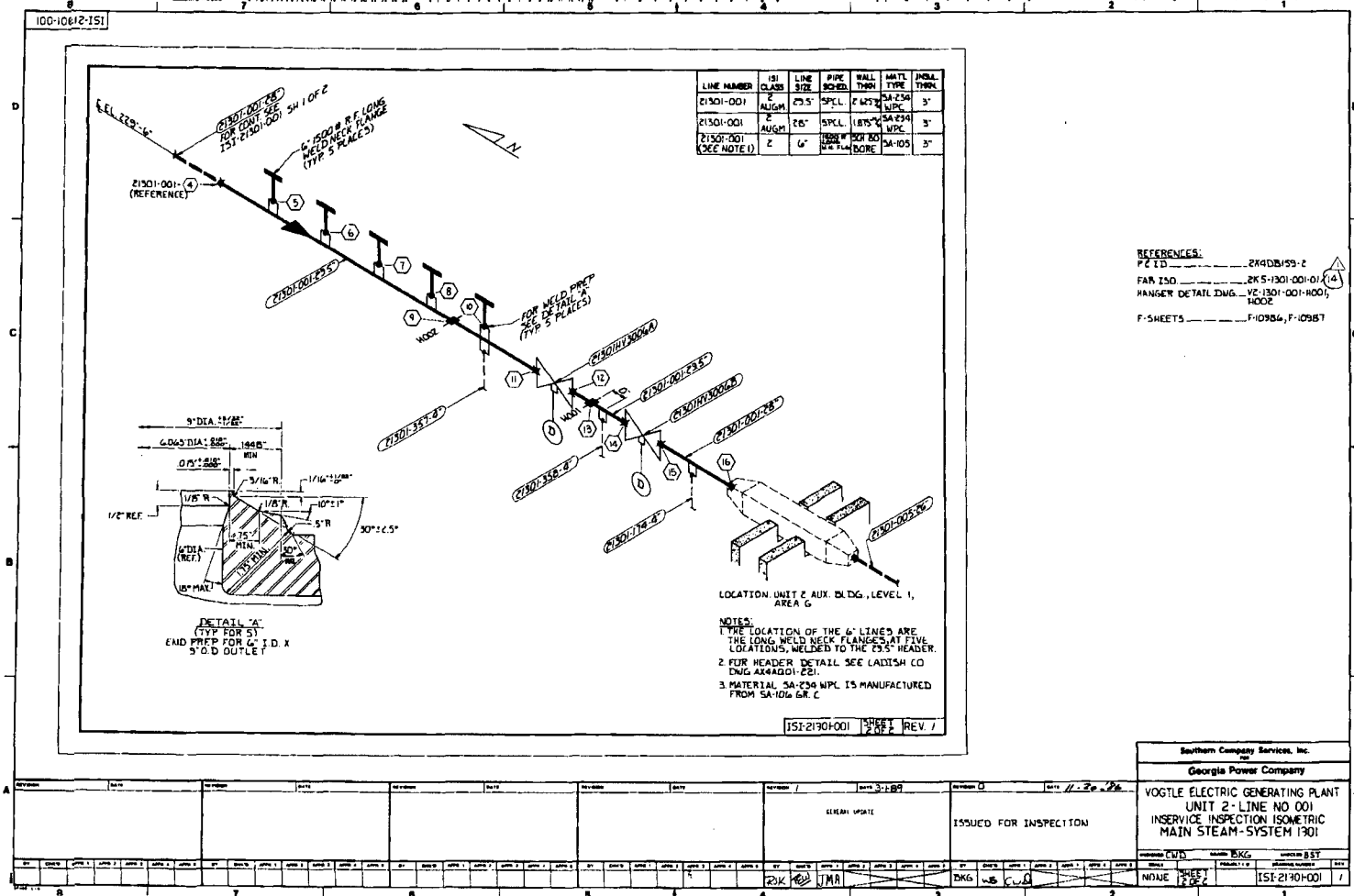
1. FOR HEADER DETAIL SEE LADISH CO. DWG
AX44Q01-C21

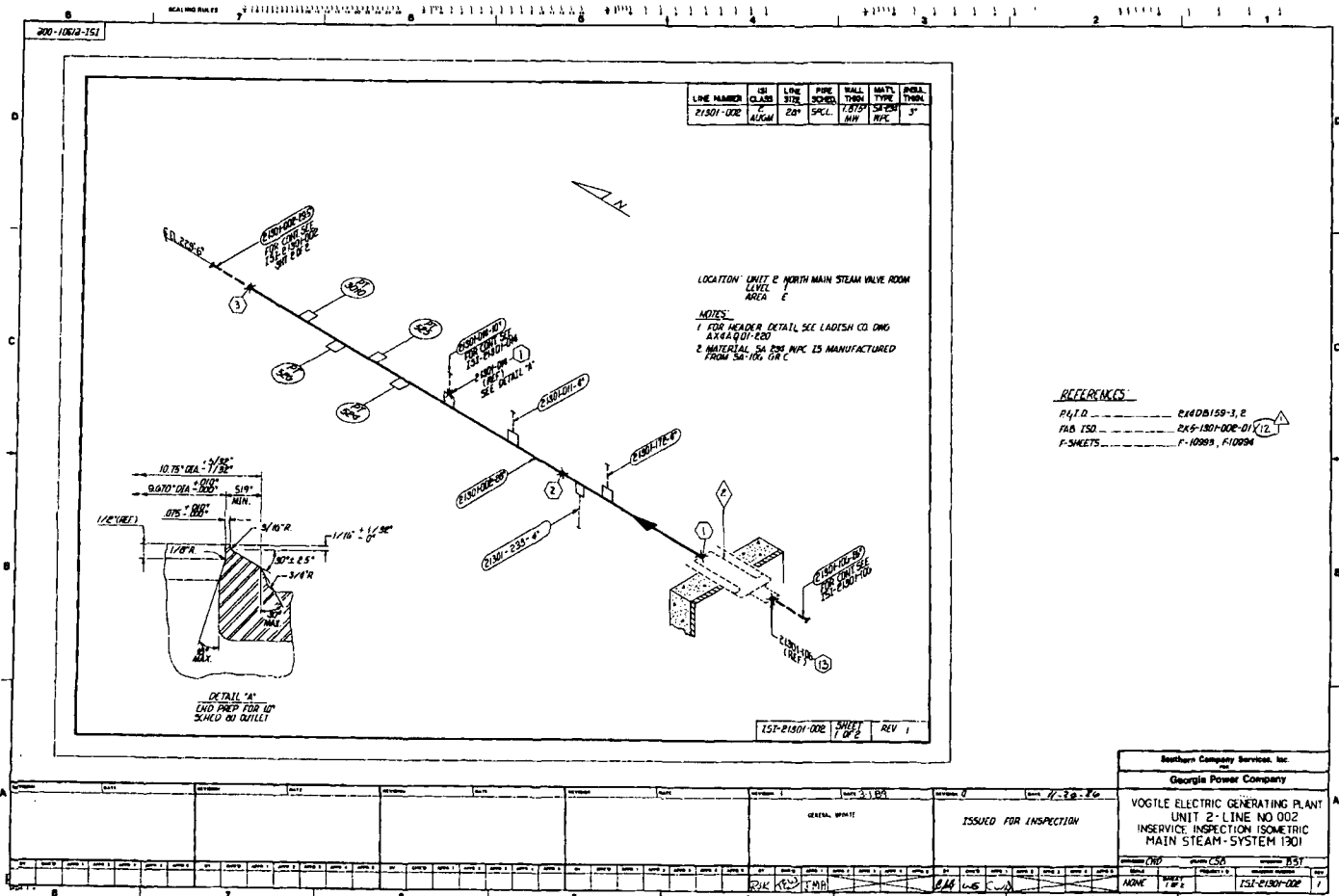
2. MATERIAL 2-234 WPC IS MANUFACTURED
FROM 2A-106 GR. C.

[illegible]

Southern Company Services, Inc.			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT			
UNIT 2 - LINE NO 001			
INSERVICE INSPECTION ISOMETRIC			
MAIN STEAM - SYSTEM 1301			
DATE	BY	REVISION	NO.
01/01/01	WJD	1	1
SHEET 1 OF 1		151-21301-001	

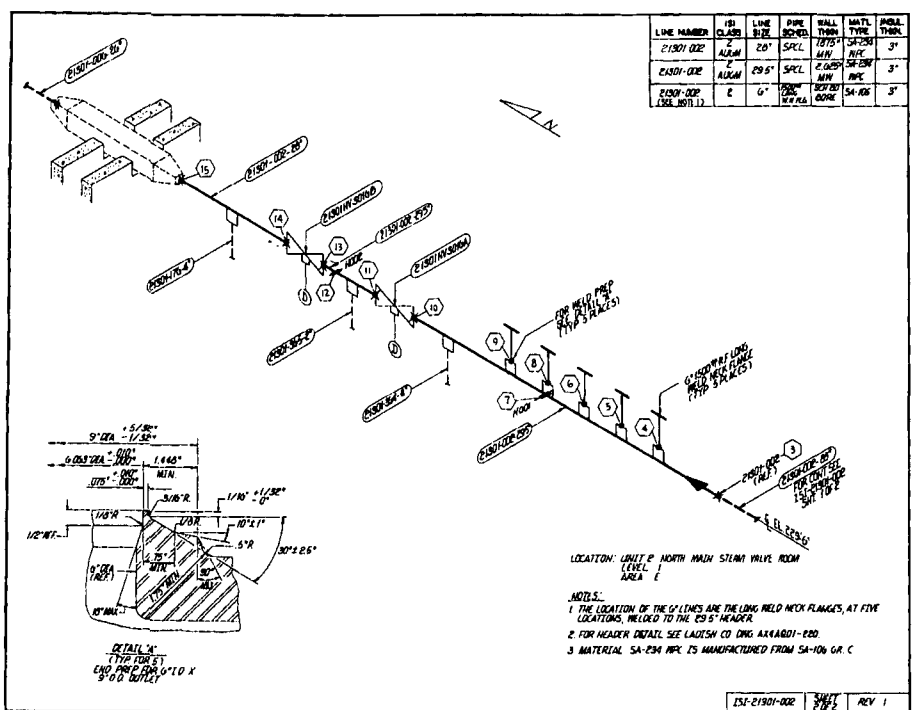
100-10612-151





200-10812-157

SCALE: 1"=10'



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	INSTR. THICK
21301-002	E	20"	SCH 40	1.315"	SA-234 WP	3"
21301-002	E	20"	SCH 40	1.315"	SA-234 WP	3"
21301-002	E	20"	SCH 40	1.315"	SA-234 WP	3"
21301-002	E	20"	SCH 40	1.315"	SA-234 WP	3"

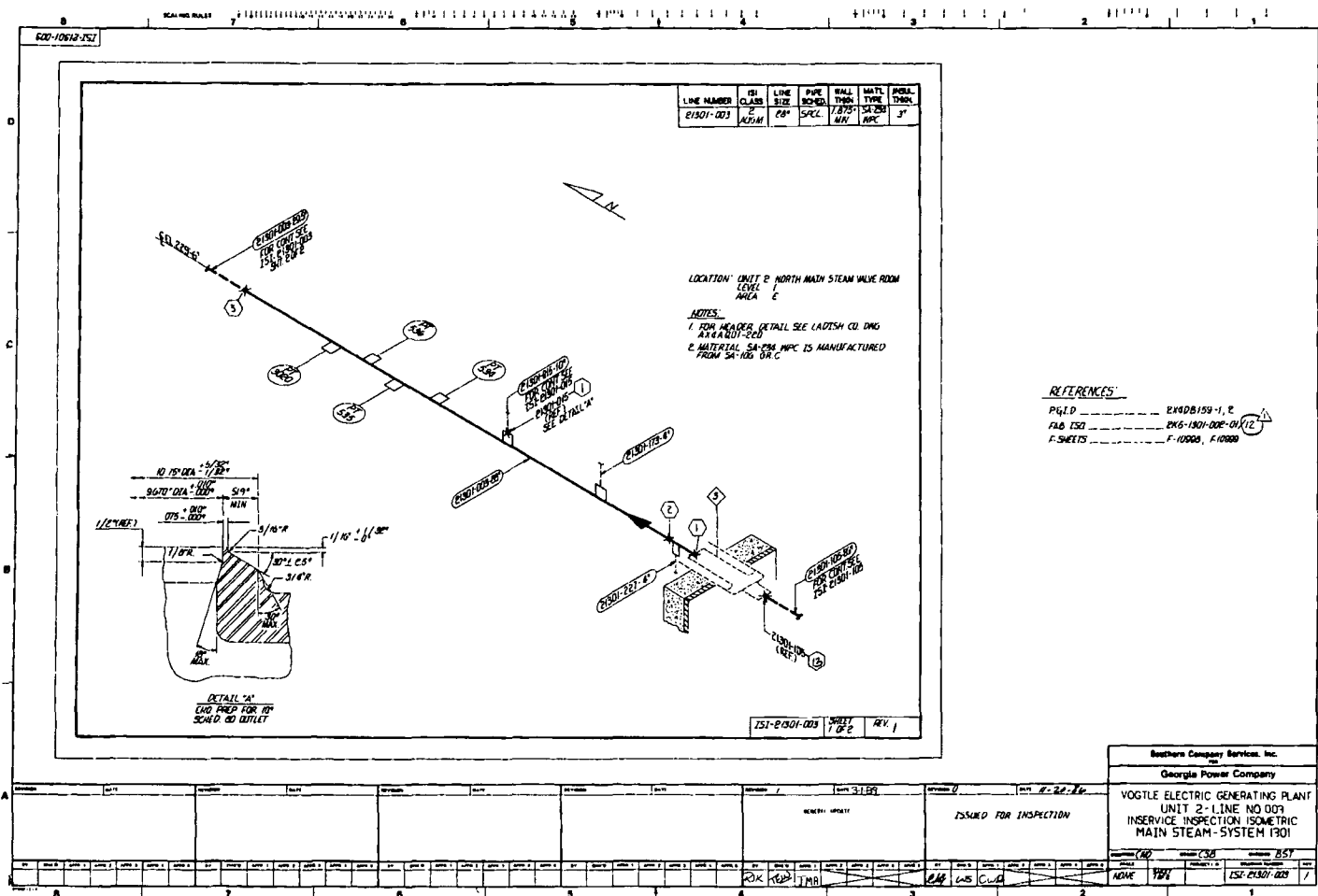
REFERENCES:

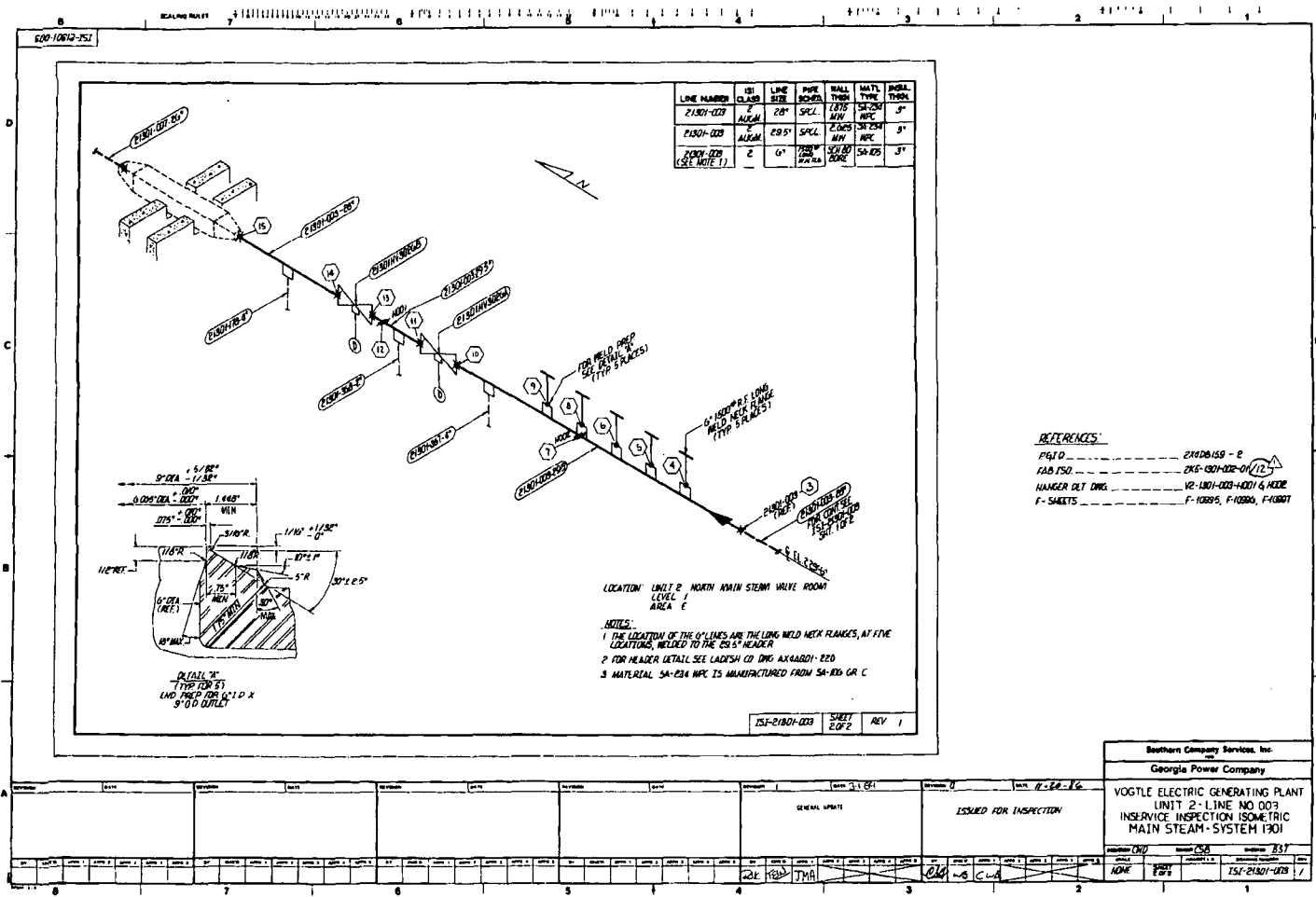
P4LD - 21400189 - 2
FAB ISO - 21400189 - 01 (12)
HANGER DET. DRG - 21400189 - 01 G 1002
F-SHEETS - F-10591, F-10592

ISI-21301-002 SHEET 2 OF 2 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO 002 INSERVICE INSPECTION ISOMETRIC MAIN STEAM-SYSTEM 1301	
DESIGNED BY: CSB	CHECKED BY: BSJ
DATE: 11-22-88	ISSUED FOR INSPECTION
BY: [Signature]	DATE: 11-22-88

NO.	DATE	DESCRIPTION	BY	CHKD	APP'D
1	11-22-88	ISSUED FOR INSPECTION	[Signature]	[Signature]	[Signature]
2					
3					
4					
5					
6					
7					
8					



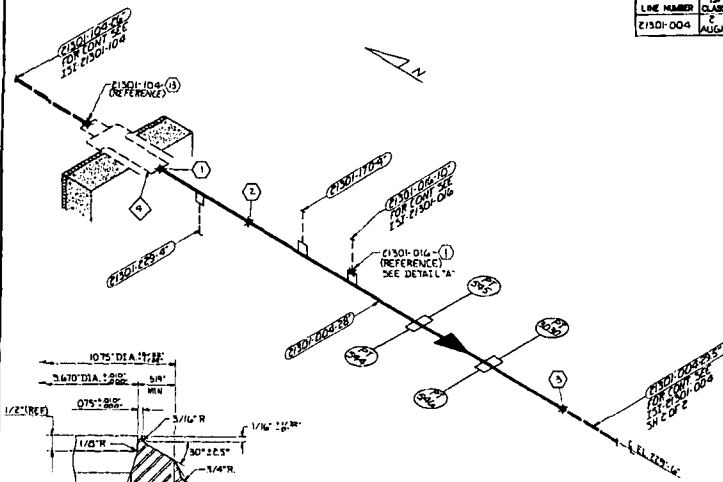


Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 003	
INSERVICE INSPECTION ISOMETRIC	
MAIN STEAM-SYSTEM 1301	
INSPECTOR	DATE
151-21801-023	1

100-10612-151

SCALING RULES

LINE NUMBER	ISO CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	PAUL. THICK.
21501-004	P	26"	5PCL	18.75"	SA-233 WPC	5"



REFERENCES:
 F&TD — 2140B/153-1, 153-2
 FAB. 150 — 2K3-1501-01-1, 151-1
 F-SHEETS — F-11003, F-11004

LOCATION: UNIT 2 AUX. BLDG., LEVEL 1,
 AREA G

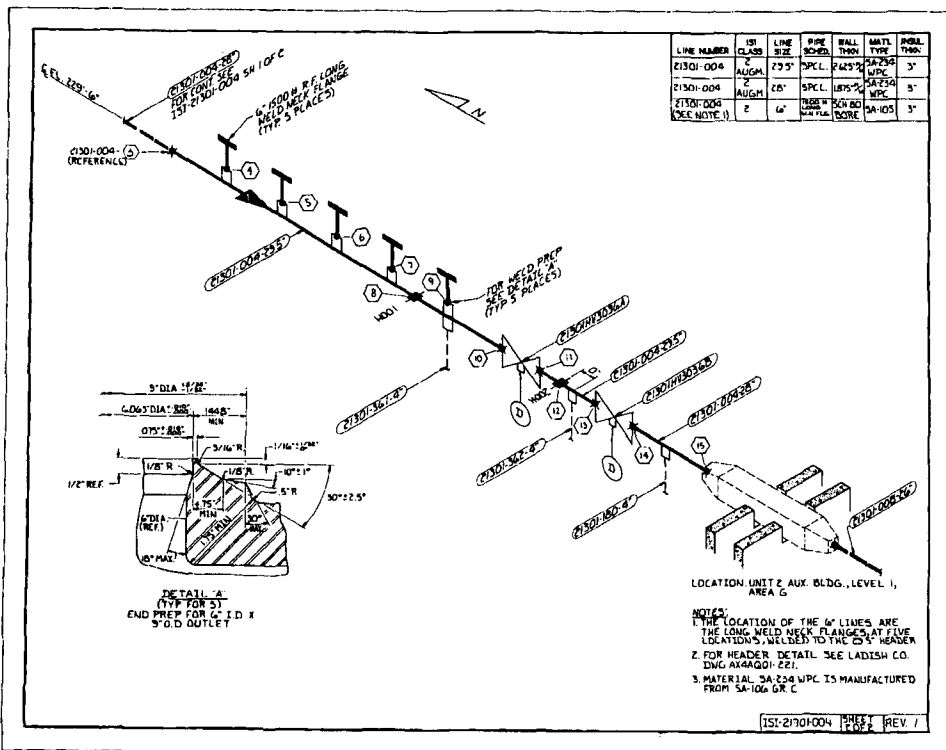
NOTES:
 1. FOR HEADER DETAIL SEE LADISH CO. DWG. AX44001-221.
 2. MATERIAL SA-233 WPC IS MANUFACTURED FROM SA-106 GR. C.

151-2190-004 151-2190-004 REV 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 004	
INSERVICE INSPECTION ISOMETRIC	
MAIN STEAM-SYSTEM 1901	
APPROVED (W.D.)	DESIGNED (B.S.T.)
DRAWN (M.B.)	CHECKED (M.B.)
DATE	DATE
151-2190-004	151-2190-004

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	3-1-79	REVISION			
2					
3					
4					
5					
6					
7					
8					

MOD-10612-151



REFERENCES:
214DB159-2
FAB. ISO
HANGER DETAILING - VP-1301-004-1001
F-SHEETS - F-11000, F-11001, F-11002

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 004 INSERVICE INSPECTION ISOMETRIC MAIN STEAM-SYSTEM 1901	
DESIGNED BY NONE	CHECKED BY BKG
DRAWN BY BKG	ISSUED FOR INSPECTION
SHEET 2 OF 2	151-21301-004

HD-10612-151

SCALE: 1" = 10'

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	WELL TYPE
21301-014	E	10"	80	534"	SA-104	GR. B
21301-014	E	8"	80	500	SA-104	GR. B

REFERENCES

P.T.D. ----- 21400153-Z
 FAB. 150. ----- 2K2-1301-014-D1/2
 HANGER DETAIL DNG. YC-1301-014-002-002
 THRU H001, H003, H010
 F-SHEETS ----- F-8351, F-8352, F-8353
 F-10387, F-10388, F-10389

LOCATION: UNIT 2 CONTROL BLDG.,
 LEVEL 1, AREAS E & F

ISI-21301-014 REV. 1

Southern Company Services, Inc.

Georgia Power Company

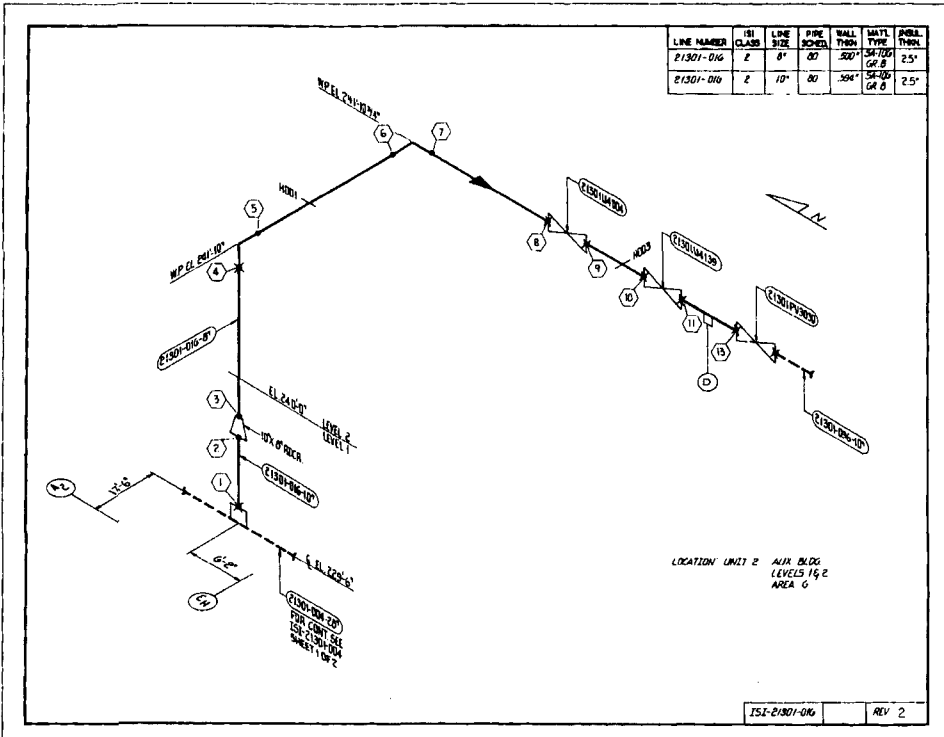
VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2 - LINE NO. 014
 INSERVICE INSPECTION ISOMETRIC
 MAIN STEAM-SYSTEM 1301

ISSUED FOR INSPECTION

GENERAL UPDATE
 ADD PBR-037
 DELETE H001, H003, H004

DATE: 11-28-86
 BY: J.E. L. C. W. A.
 CHECKED: J.E. L. C. W. A.
 APPROVED: J.E. L. C. W. A.
 NONE
 151-21301-014 7

010-10012-151



REFERENCES:

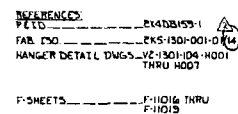
- P&ID - 2400159-2
- FAB ISO - 2400159-2
- HANGER DT DNG - 2400159-2
- F-SHEETS - F-1172, 12424, 12425, 12426

LOCATION: UNIT 2 AUX BLDG
LEVELS 1 & 2
AREA 6

ISI-21301-016 REV 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 016	
INSERVICE INSPECTION ISOMETRIC	
MAIN STEAM-SYSTEM 1901	
DATE: 11-28-85	ISSUED FOR INSPECTION
BY: [Signature]	FOR: [Signature]
PROJECT: 151-21301-016	REV: 2

REVISION	DATE	DESCRIPTION	BY	CHKD	APPD
1	11-28-85	ISSUED FOR INSPECTION	[Signature]	[Signature]	[Signature]
2	11-28-85	ADDED COUPLING D AND CHANGED HANGER HOOD, HOOD HOOD AND REVISED REFERENCES	[Signature]	[Signature]	[Signature]
3	11-28-85	SLIP REEL UPDATE	[Signature]	[Signature]	[Signature]

[illegible]

501-10112-151

SCALE: 1/8" = 1'-0"

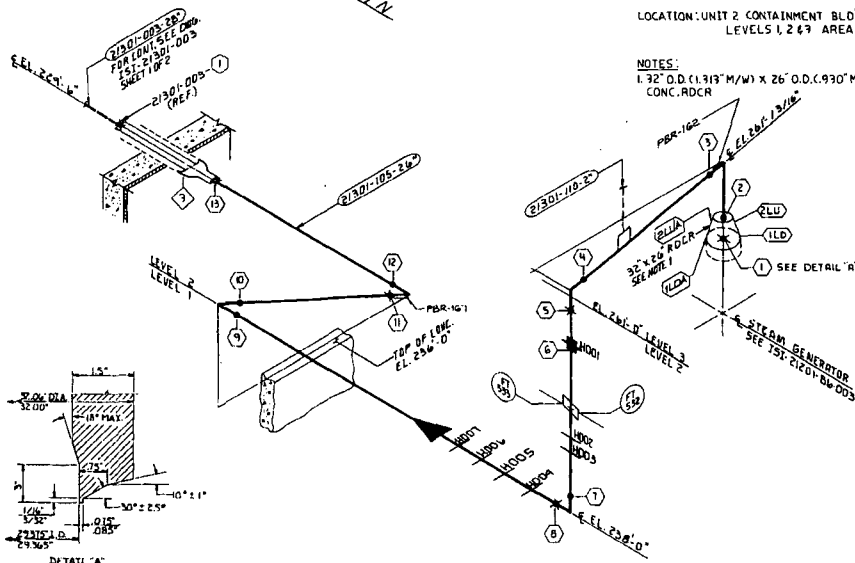
LINE NUMBER	LINE CLASS	LINE SIZE	PIPE SCH.	WALL THIN.	MAT. TYPE	WALL THIN.
21301-105	2	26"	SPCL	910 1/4"	SA-106	3"
21301-105	2	12" X 20"	RDCH	SPCL	SEE BA 214	7"

LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVELS 1, 2 & 3 AREA C

NOTES:
1. 32" O.D. (1.913" M/W) X 26" O.D. (1.930" M/W)
CONC. RDCH

REFERENCES

P&I.D. _____ 2X40B159-1
FAB ISO _____ 2K5-1301-002-01/12
HANGER DET. DWG. _____ V2-1301-105-H001 THRU
H007
F-SHEETS _____ F-11020 THRU F-11029

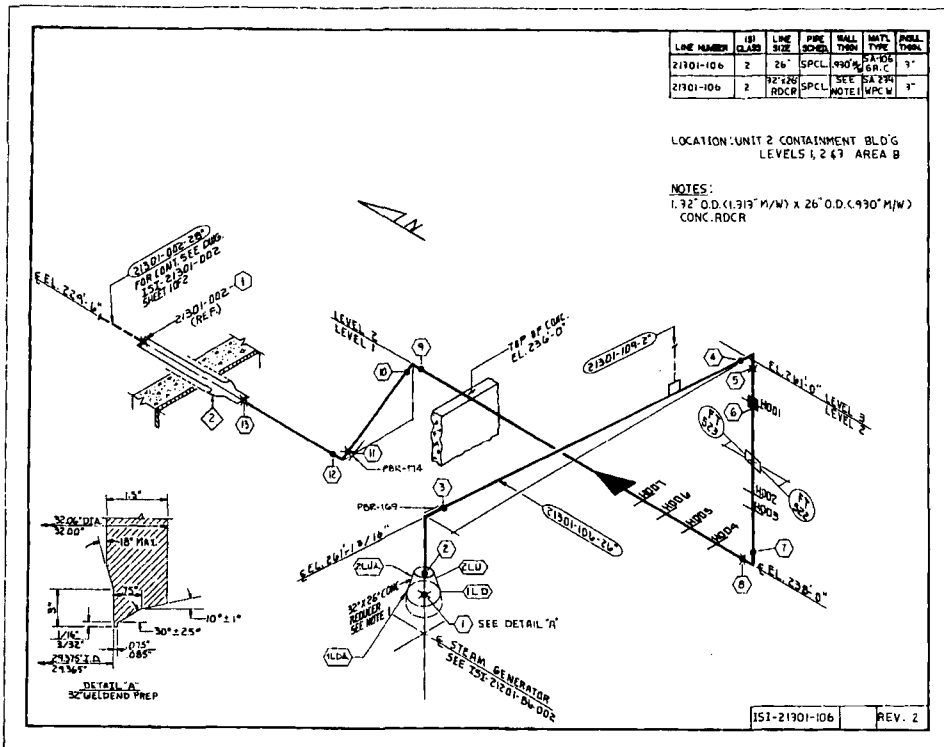


151-21301-105 REV. 2

Southern Company Services, Inc.	
Georgia Power Company	
VOGTE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO 105	
INSERVICE INSPECTION ISOMETRIC	
MAIN STEAM-SYSTEM 1301	
DESIGNED BY	REVISED BY
C.W.D.	R.H.S.
DATE	DATE
NONE	151-21301-105/2

REVISION	DATE	DESCRIPTION	BY	CHKD	APP'D
1	10/1/83	GENERAL UPDATE	JMH		
2	10/1/83	ADDED WMP RESTRAINTS PER 105-101 AND LONGITUDINAL WELDING 105-101 AND DALLIED HOLD AND TURNED REFERENCES	JMH		
3	10/1/83	ISSUED FOR INSPECTION	JMH		

901-10612-151



LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MAT'L TYPE	POLL. THICK.
21901-106	2	26"	SPCL.	490% G.R.C.	SA-105	3"
21901-106	2	92\"	RDCR	SPCL.	SEE SA 234	3"

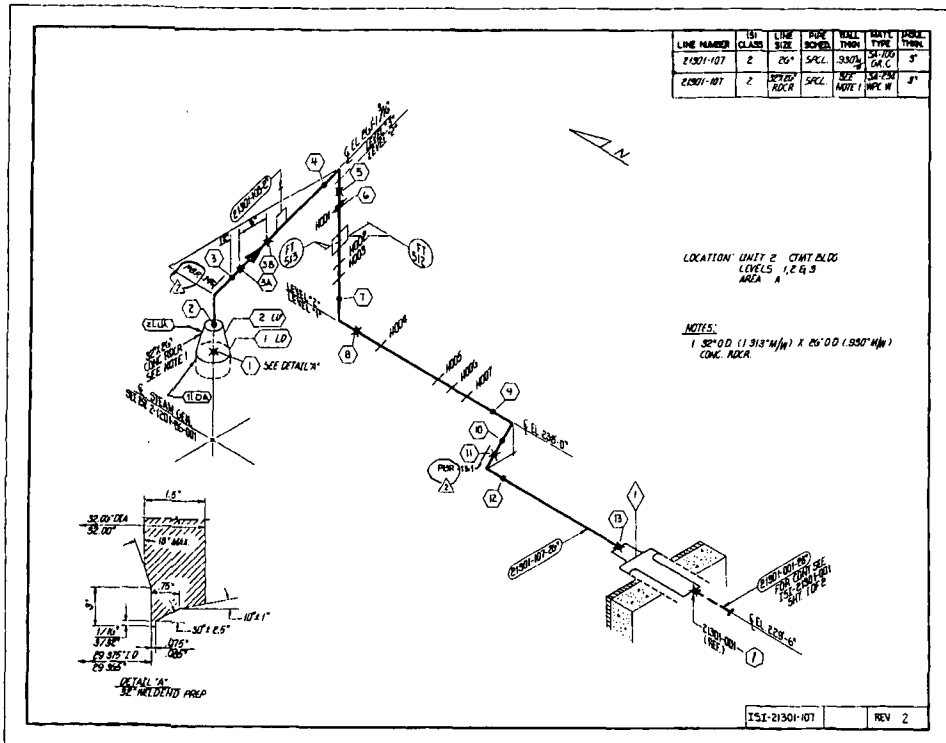
LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVELS 1, 2 & 3 AREA B

NOTES:
1. 92" O.D. (1.913" M/W) X 26" O.D. (990" M/W)
CONC. RDCR

REFERENCES
P&ID: 2X4DB159-3
FAB ISO: 2X5-1701-002-01412
HANGER DET. DWG.: V2-1301-106-H001 THRU H007
F-SHEETS: F-11024 THRU F-11027

Southern Company Services, Inc.										Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT										UNIT 2 - LINE NO. 106	
INSERVICE INSPECTION ISOMETRIC										MAIN STEAM-SYSTEM 1301	
ISSUED FOR INSPECTION										DATE: 11-28-86	
APPROVED: J. L. GORDON (E)										DATE: 11-28-86	
NONE										ISS-21901-106 2	

101-10712-TS1



LINE NUMBER	1ST CLASS	LINE SIZE	FOR SCHED	WALL THICK	WELD TYPE	WELD THICK
21001-107	2	20"	SPEC	33/32"	3/4" J	5"
21001-107	2	20"	SPEC	33/32"	3/4" J	5"

LOCATION: UNIT 2 CHAT BLDG
LEVELS 1, 2 & 3
AREA A

NOTES:
1. 30" O.D. (1 3/4" I.D.) X 20" O.D. (1 3/4" I.D.)
CONC. RDCR

REFERENCES:

- P&ID ----- P&ID 159-3
- P&ID 150 ----- P&ID 150-101-001-DV-1 & 2
- HANGER DET DWGS ----- H-1501-101-1001 THRU 1007
- F-SHETS ----- F-11025 THRU 11031

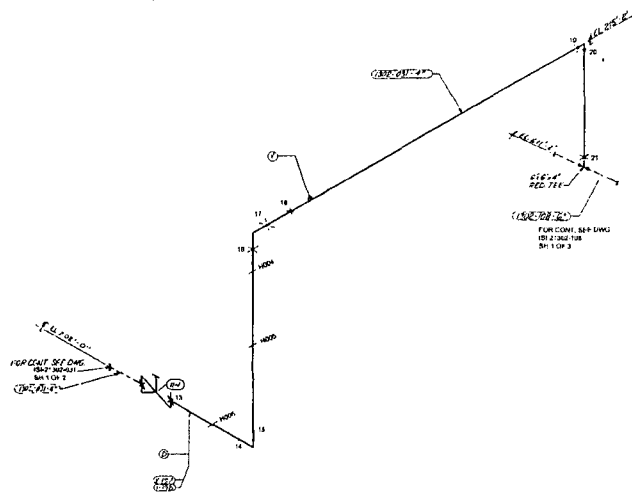
TSI-21301-107 REV 2

Southern Company Services, Inc.										Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT										UNIT 2: LINE NO 107									
INSERVICE INSPECTION ISOMETRIC										MAIN STEAM-SYSTEM 1301									
ISSUED FOR INSPECTION										NONE									
21301-107										2									



SOUTHERN COMPANY SERVICES INC. GEORGIA POWER COMPANY									
REGION		DATE		REVISION		DATE			
						5-19-09			
METHOD: H&M									
VOULTE ELECTRIC GENERATING PLANT UNIT 7 - LINE NO. 020 AUXILIARY INSPECTION ISOMETRIC INSURANCE FEEDWATER - SYSTEM 1302									
NO.	QUANTITY	UNIT	AREA	LENGTH	VOLUME	WEIGHT	COST	UNIT PRICE	TOTAL
1	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
14	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
16	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
20	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
22	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	LF	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	LF	1.00	1.00	1.00	1.00			

SOUTHERN COMPANY SERVICES INC				
GEORGIA POWER COMPANY				
VOGTLE ELECTRIC GENERATING PLANT				
UNIT 2 - LINE NO. 030				
INSERVICE INSPECTION ISOMETRIC				
AUXILIARY FEEDWATER - SYSTEM 1302				
DESIGNED	DRAWN		CHECKED	
RECALC	SHEET	PROJECT NO.	DRAWING NUMBER	REV.
NONP	1 OF 1		ISV-21302-010	1



REFERENCE:
2K2-1302-031-02/5

LINE NUMBER:
131-21302-031

SOUTHERN COMPANY SERVICES, INC.											
GEORGIA POWER COMPANY											
VOGTLE ELECTRIC GENERATING PLANT											
UNIT 2 - LINE NO. 031											
INSERVICE INSPECTION ISOMETRIC											
AUXILIARY FEEDWATER - SYSTEM 1302											
DESIGNED						DRAWN			CHECKED		
BY	DATE	APP'D	DATE	APP'D	DATE	BY	DATE	APP'D	DATE	APP'D	DATE
SV	JAN					SV	JAN				

[illegible]

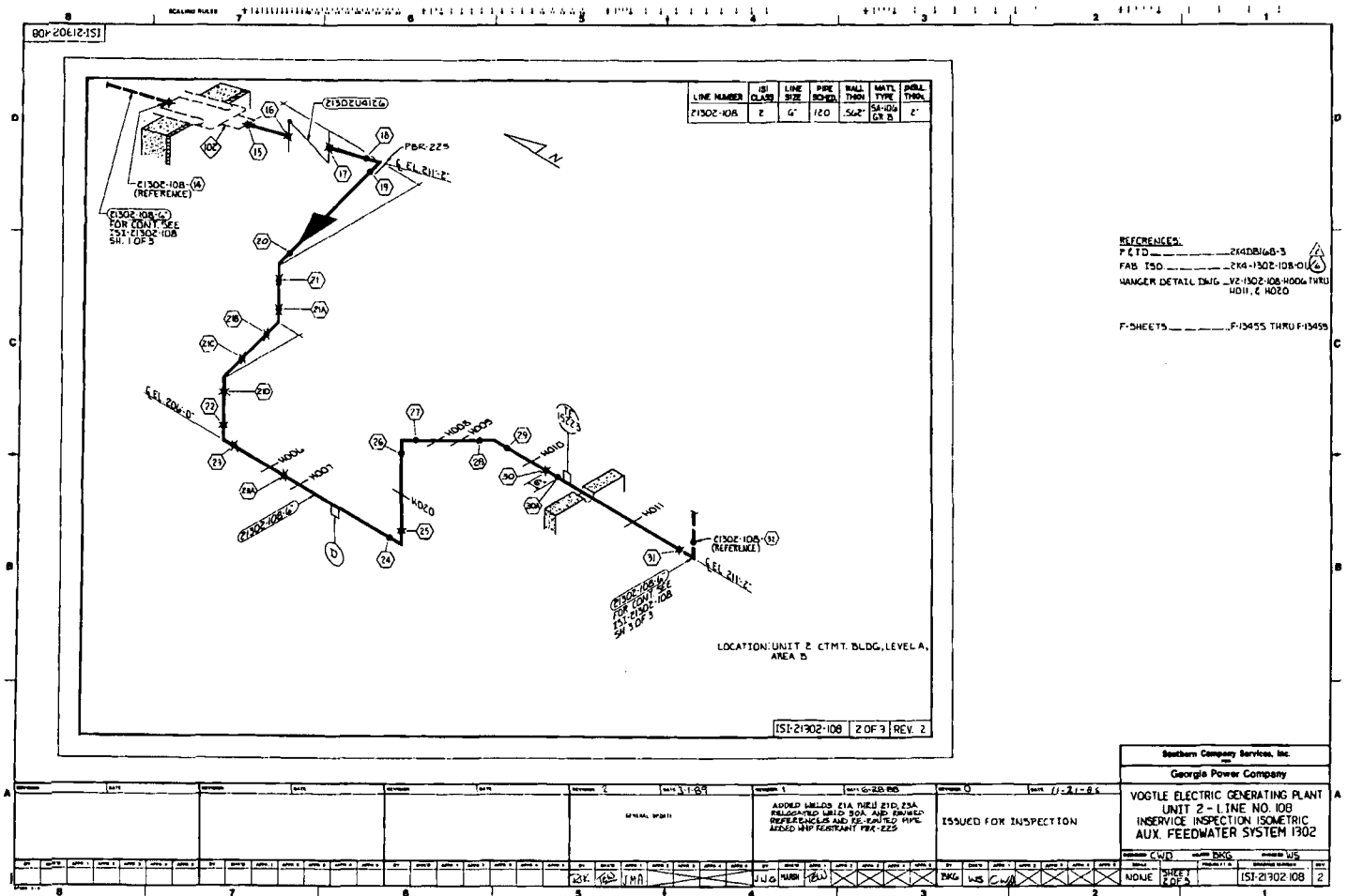
REV-TIME AND COMPANY SERVICES INC. P.O. #																																																																																																																																																																																											
31 OHIO POWER COMPANY																																																																																																																																																																																											
REVISION		DATE		REVISION		DATE		5-20-68																																																																																																																																																																																			
VOGTE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 02 INSURANCE INSPECTION ISOMETRIC AUXILIARY FEEDWATER - SYSTEM 1302																																																																																																																																																																																											
NO.	DATE	BY	CHKD.	DATE	BY	CHKD.	DATE	BY	CHKD.	DATE	BY	CHKD.																																																																																																																																																																															
1	5-20-68	WHEAT		5-20-68	WHEAT		5-20-68	WHEAT		5-20-68	WHEAT																																																																																																																																																																																
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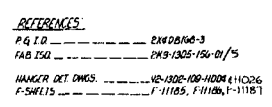
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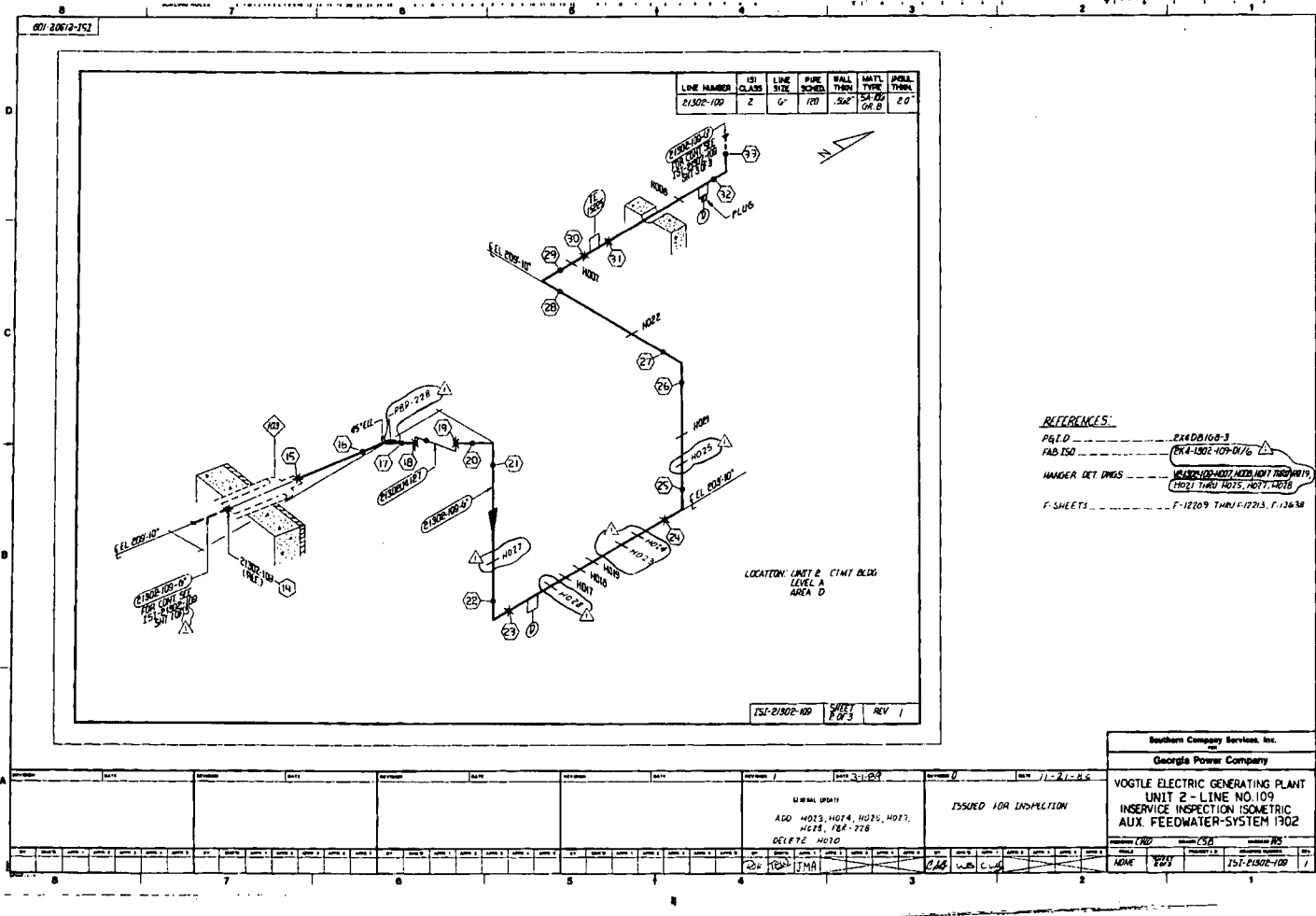


LINE NUMBER:
ISI-21302-085

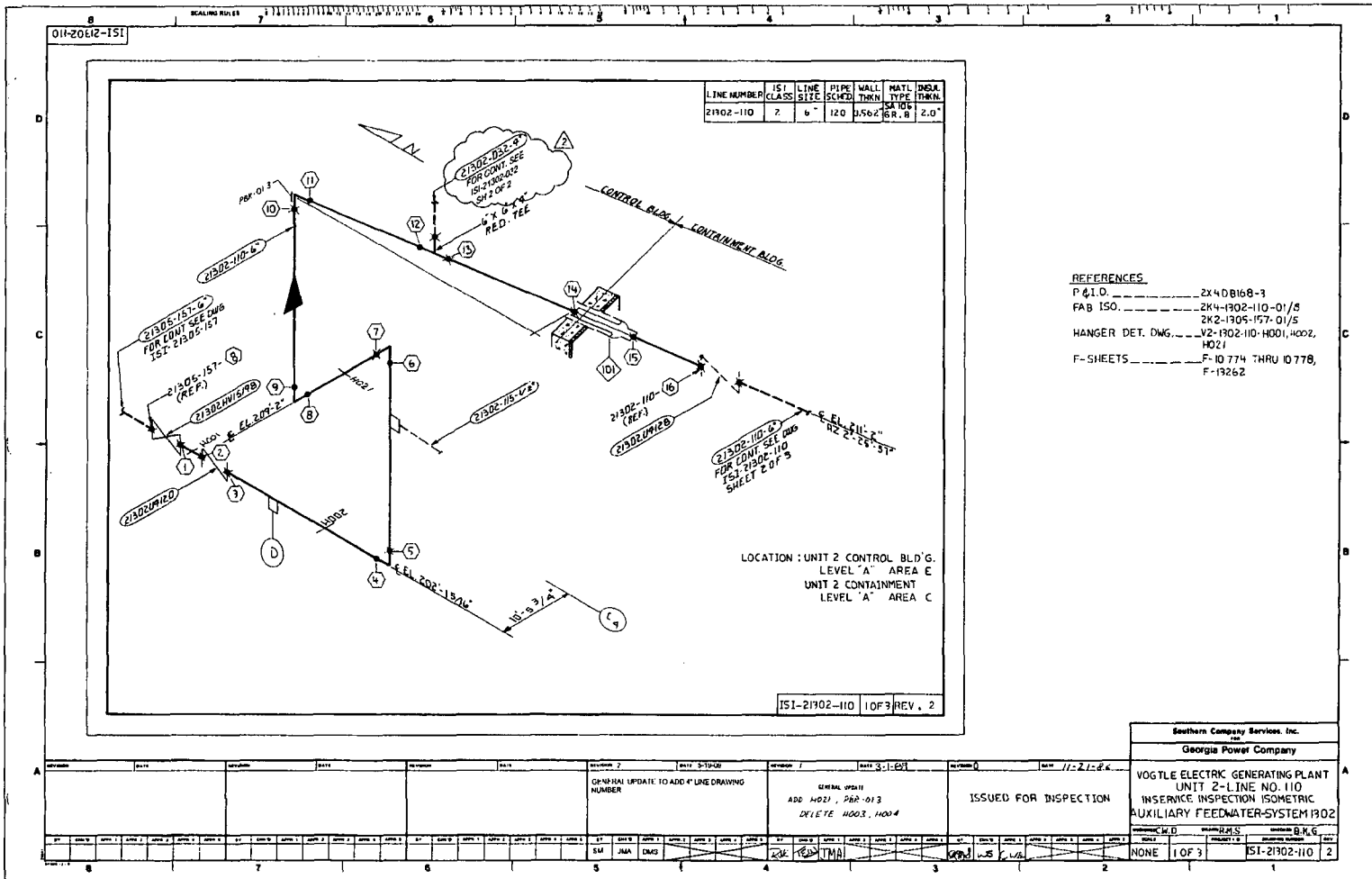
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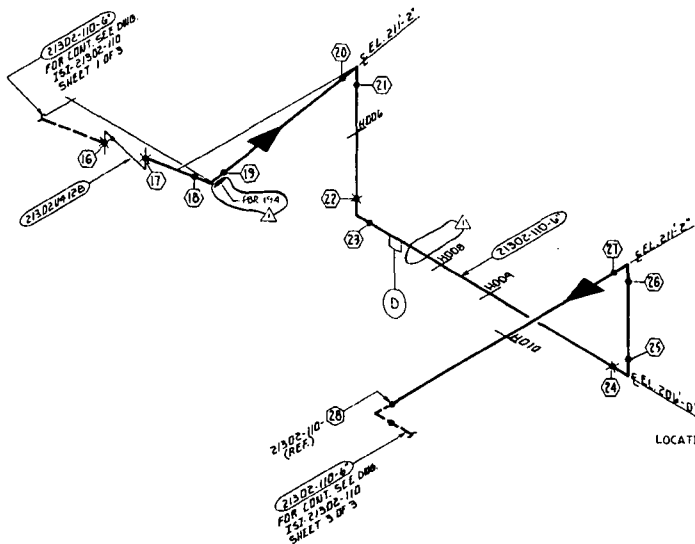


REFERENCES:
P&ID - E&D 100-3
F&D 150 - E&D 100-109-01/6
HANGER DET DIMS - 1302-100-109-01/6
F-SHEETS - F-12209 THRU F-12213, F-13638



011-20512-151

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THIN	MATL TYPE	INSUL THIN
2102-110	2	6"	120	0.562	GR-8	2.0"



LOCATION: UNIT 2 CONTAINMENT BLD'G.
LEVEL A AREA C

151-2102-110 2 OF 3 REV. 1

REFERENCES

P&I.D. _____ 2K4DB168-3
FAB ISO. _____ 2K4-1302-110-0118
HANGER DET. DWG. _____ V2-1302-110-H006
F-SHEETS _____ F-13261 THRU 13265

Southern Company Services, Inc.
Georgia Power Company

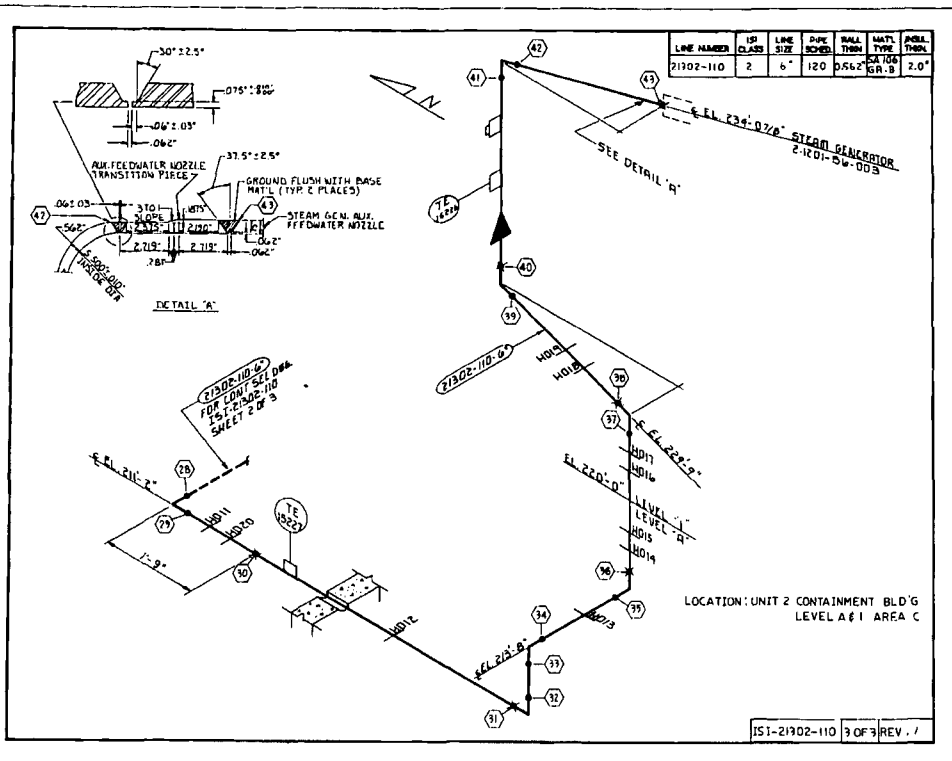
VOGTE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 110
INSERVICE INSPECTION ISOMETRIC
AUXILIARY FEEDWATER-SYSTEM 1302

ISSUED FOR INSPECTION

REVISION: UPDATE
DELETE HCOY
ADD P&I 174

REVISION: CND
REVISION: RLS
REVISION: DKS
NONE 2 OF 3 151-2102-110 1

011-20612-151



LINE NUMBER	ISO CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MAT'L TYPE	POSS. SCHED
21302-110	2	6"	120	0.562	SA 105 GR. B	2.0"

REFERENCES
 P&I.D. _____ 2x4DB16B-3
 FAB ISO. _____ 2K4-1302-110-01A
 HANGER DET. DWG. _____ V2-1302-110-H011 THRU H020
 F-SHEETS _____ F-13265, 13266, 13267

LOCATION: UNIT 2 CONTAINMENT BLD'G
LEVEL A #1 AREA C

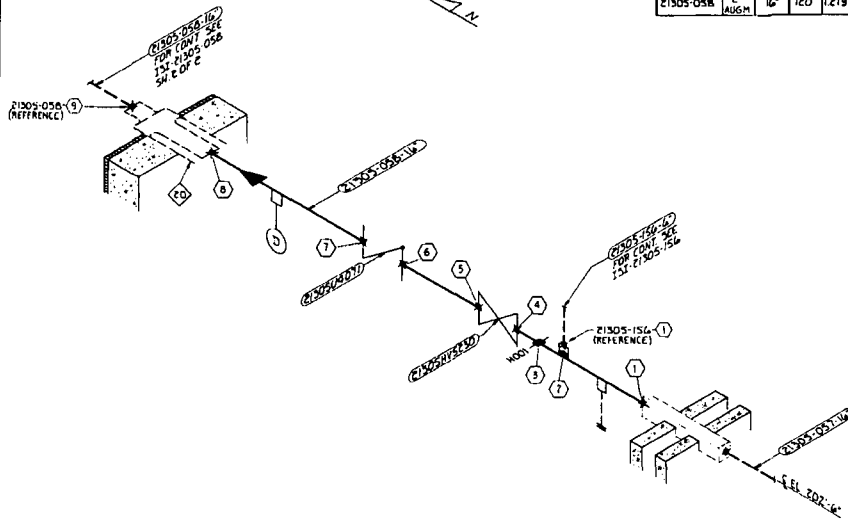
ISI-21302-110 3 OF 3 REV. 1

Southern Company Services, Inc.									
Georgia Power Company									
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 110 INSERVICE INSPECTION ISOMETRIC AUXILIARY FEEDWATER-SYSTEM 1302									
ISSUED FOR INSPECTION									
NONE 3 OF 3 ISI-21302-110 1									

850-50612-151

SCALING RATIO

LINE NUMBER	CD CLASS	LINE SIZE	PIPE SCHED.	RALL THICK	MATL. TYPE	WALL THICK.
21305-058	C	AUGM	16"	120	1219	SA-100 GR. B

LOCATION: UNIT 2, AUX. BUILDING,
LEVEL 'A', AREA 'G'151-21305-058
151-21305-058
REV. 1

REFERENCES

FETD 21408165-3
FAB 150 2KS-1305-058-D1K1
HANGER DETAIL ING VE-1305-058-K001

F-SHEET F-11096, F-11097,
F-11098

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 058
INSERVICE INSPECTION ISOMETRIC
FEEDWATER - SYSTEM 1305

ISSUED FOR INSPECTION

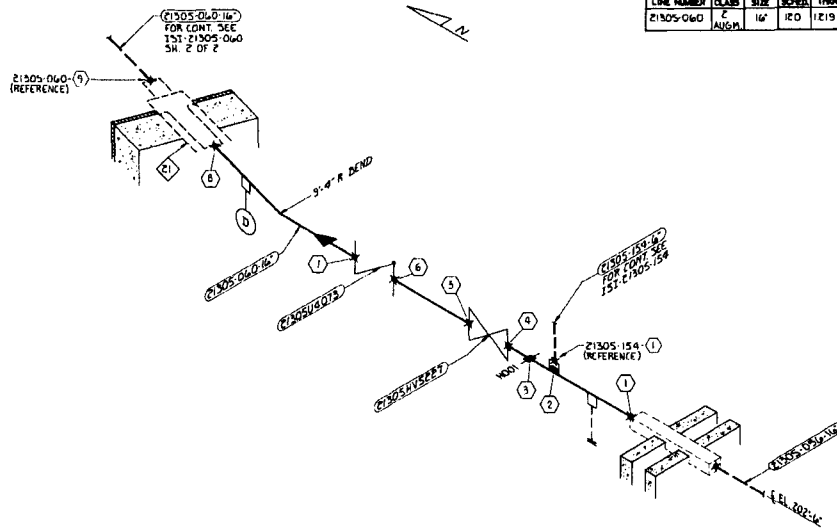
REVISION	DATE	BY	CHKD	APP'D	REVISION	DATE	BY	CHKD	APP'D
1	11-21-66				2				

REVISION CWD none BKG condition WS
NONE SHEET 151-21305-058

090-50612-151

SCALE: 1" = 10'

LINE NUMBER	LINE CLASS	LINE SIZE	PIPE SCHED.	WALL THICK.	MATL. TYPE	INSUL. THICK.
Z1305-060	C	16"	120	1/2"	SA100A BR. 2	2"



LOCATION: UNIT C, AUX. BUILDING,
LEVEL 'A', AREA G

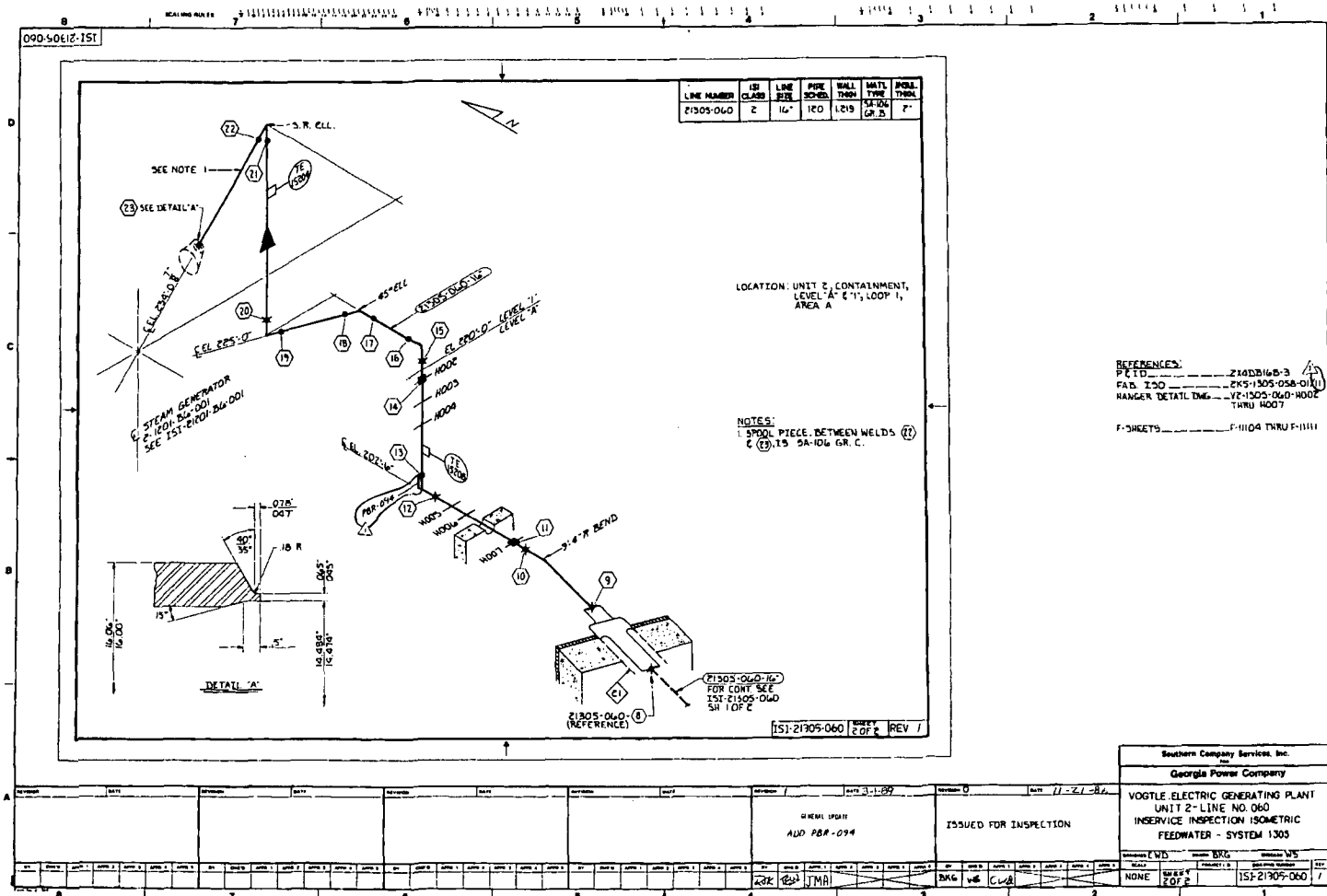
ISI-21305-060
REVISION 1 OF 1
REV. 1

REFERENCES:
P&ID _____ 21400168-3
FAB. ISO _____ 21400168-3
HANGER DETAIL DNG _____ 21400168-3
F. SHEETS _____ F-11104, F-11105,
F-11106

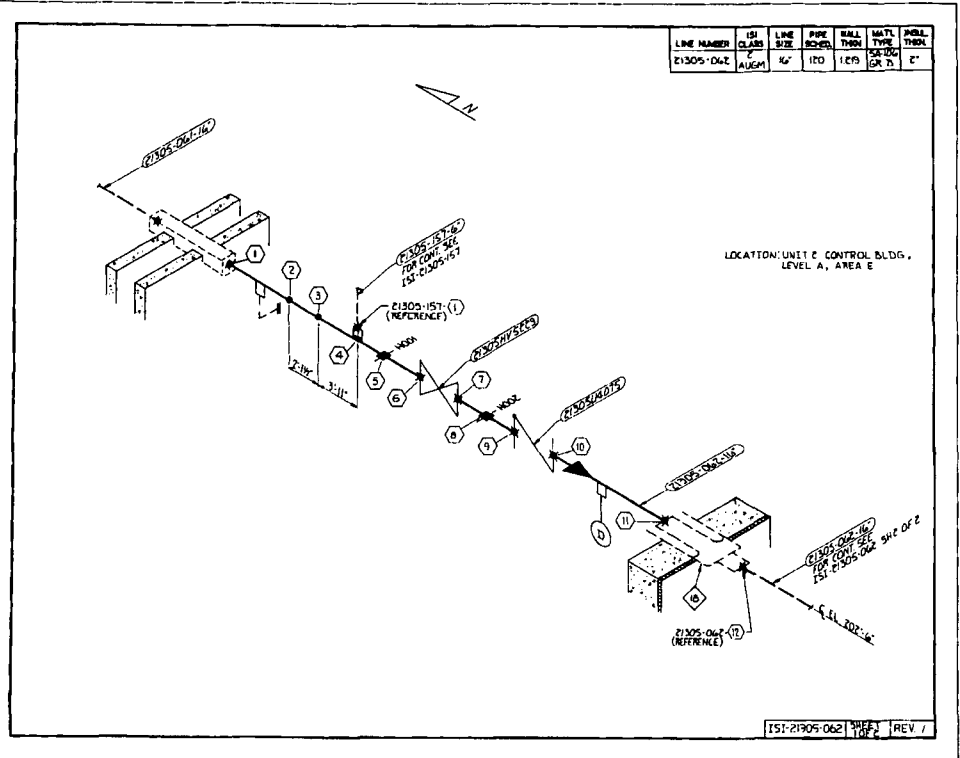
Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2-LINE NO. 060
INSERVICE INSPECTION ISOMETRIC
FEEDWATER - SYSTEM 1305

CND
BKG
NONE
SHEET 1 OF 1
ISI-21305-060 1



290-506Z-151



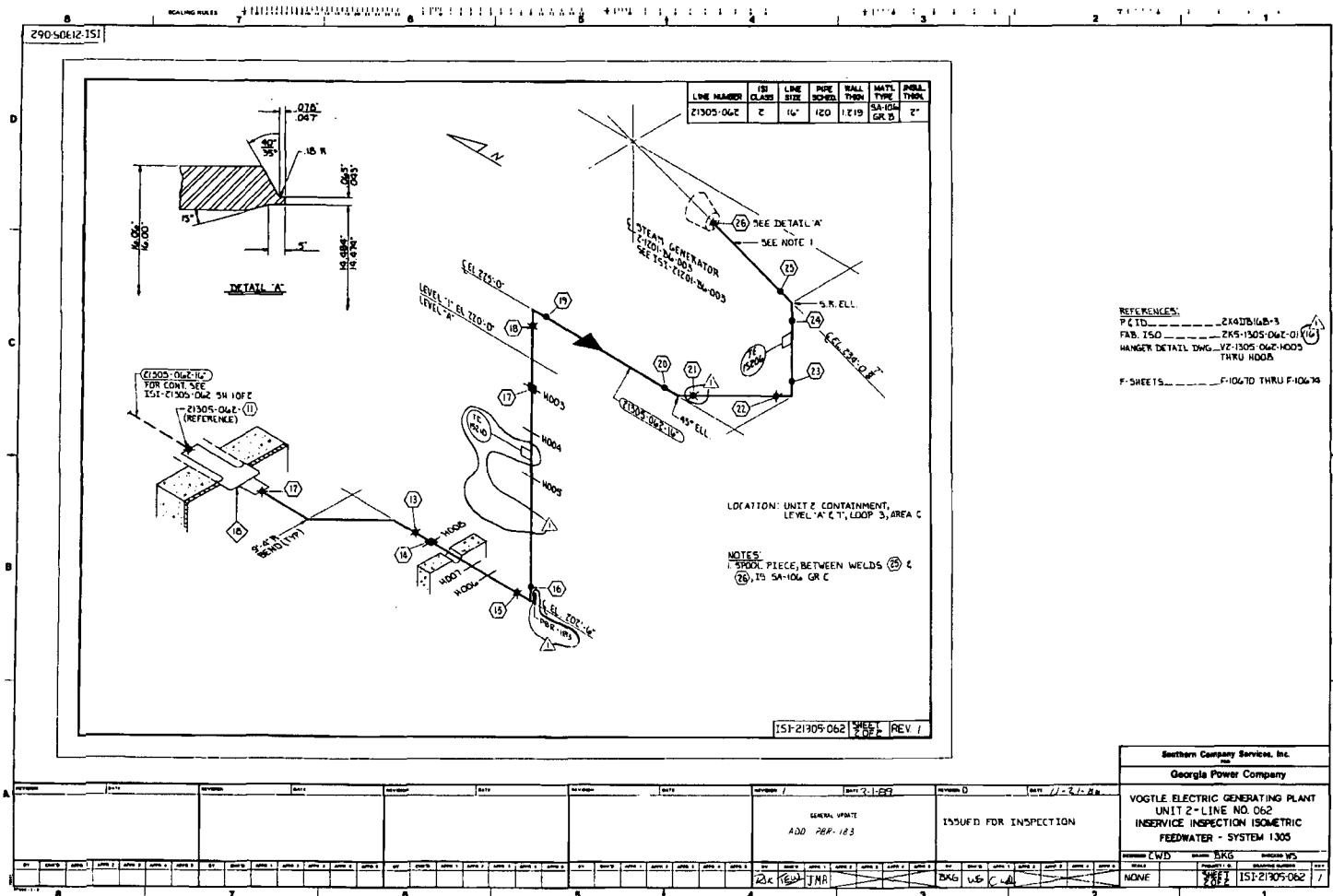
LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WALL THICK
21305-062	1	1/2"	160	1/8"	SA-106	1/8"

LOCATION: UNIT 2 CONTROL BLDG., LEVEL A, AREA E

REFERENCES:
 P.E.D. 294DB/46-5
 FAB. ISO 2K 5-1305-062-01/10
 HANGER DETAIL DWG. VE-1305-062-H001
 F-SHEETS F-10647, F-10648 & F-10649

ISI-21305-062 SHEET 1 OF 2 REV 1

Revision 1 DATE 3-1-89 GENERAL UPDATE ISSUED FOR INSPECTION										Southern Company Services, Inc. Georgia Power Company VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 062 INSERVICE INSPECTION ISOMETRIC FEEDWATER - SYSTEM 1305	
BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
0		7		6		5		4		3	
R/E T/W T/M Z/M V/S C/L										NONE SHEET 1 OF 2 15E21305-062 1	



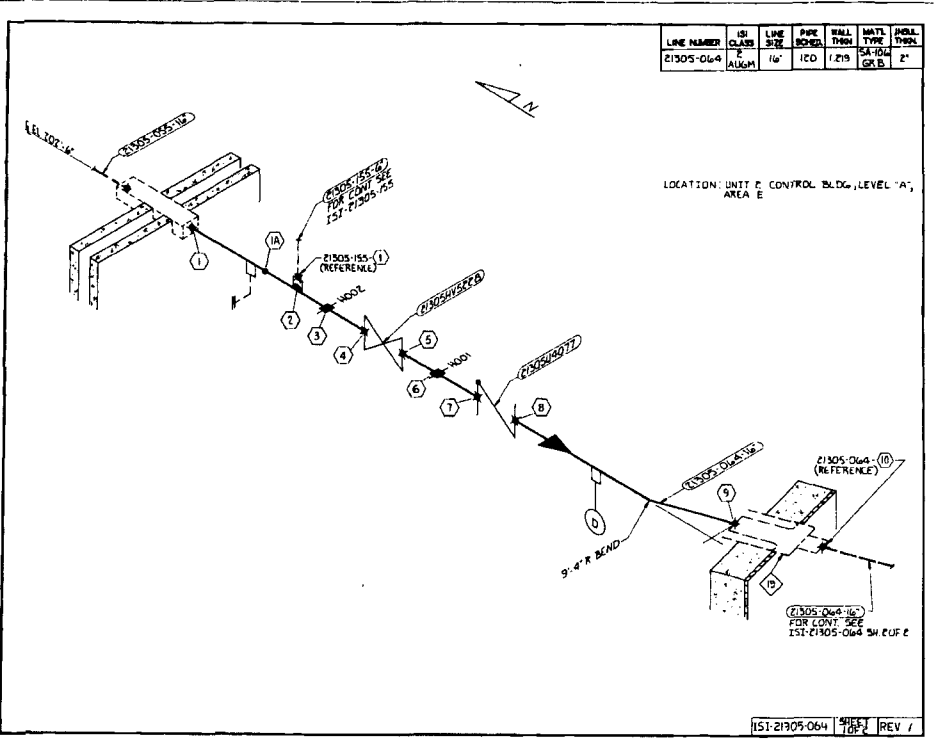
19050612-151

SCALE IN FEET 7 6 5 4 3 2 1

LINE NUMBER	ISI CLASS	LINE SIZE	PIPE SCHED	WALL THICK	MATL TYPE	WALL THICK
21305-064	F	16"	1CD	1.219	SA-106 GR B	2"

LOCATION: UNIT 2 CONTROL BLDG., LEVEL "A", AREA E

REFERENCES:
 P&ID: 2140BWA-5
 FAB. ISN: 2K5-1305-062-01K
 HANGER DETAIL DWG: VZ-1305-064-H001
 E HOOD
 F-SHEETS: F-10454, F-10456



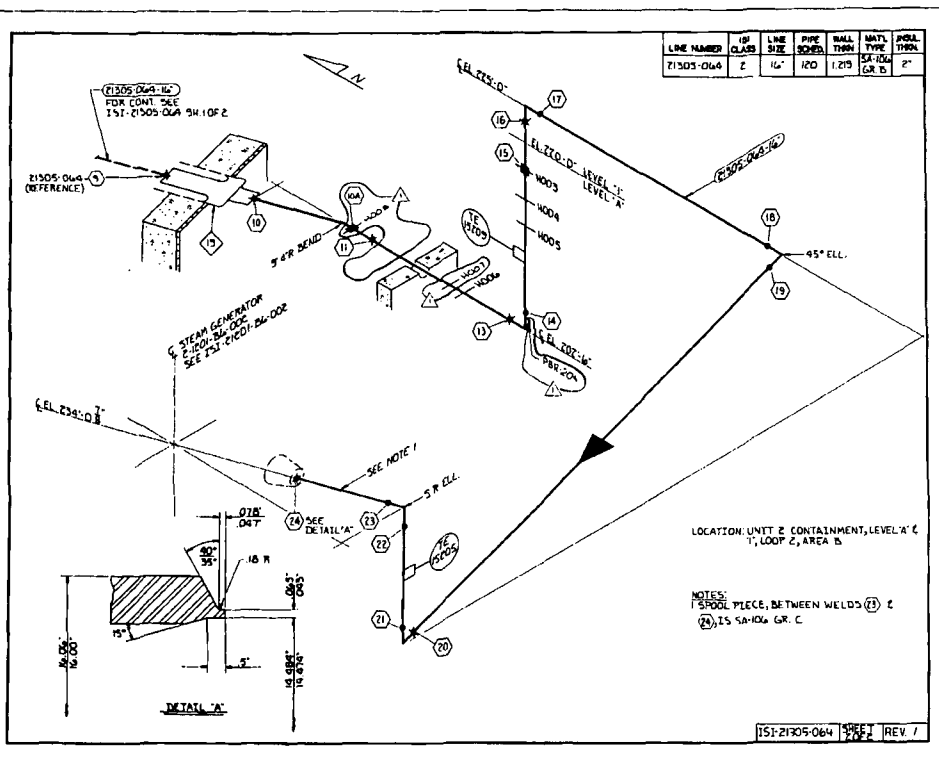
151-21305-064 SHEET 1 TOP REV 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 064 INSERVICE INSPECTION ISOMETRIC FEEDWATER - SYSTEM 1305	
DESIGNED BY: CWD	REVIEWED BY: EKG
DATE: 11-21-86	PROJECT: 151-21305-064
ISSUED FOR INSPECTION	SHEET 1 OF 1

REVISION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
1	11-21-86	ISSUED FOR INSPECTION								

190-50612-151

SCALE: 1/8" = 1'-0"



REFERENCES:

2140814-B-3
FAB. 150-21305-064-01 (16)
HANGER DETAIL DWG. - V2-1305-064-H003
THRU H008
F-SHEETS - F-10657 THRU F-10661

151-21305-064 SHEET 2 REV. 1

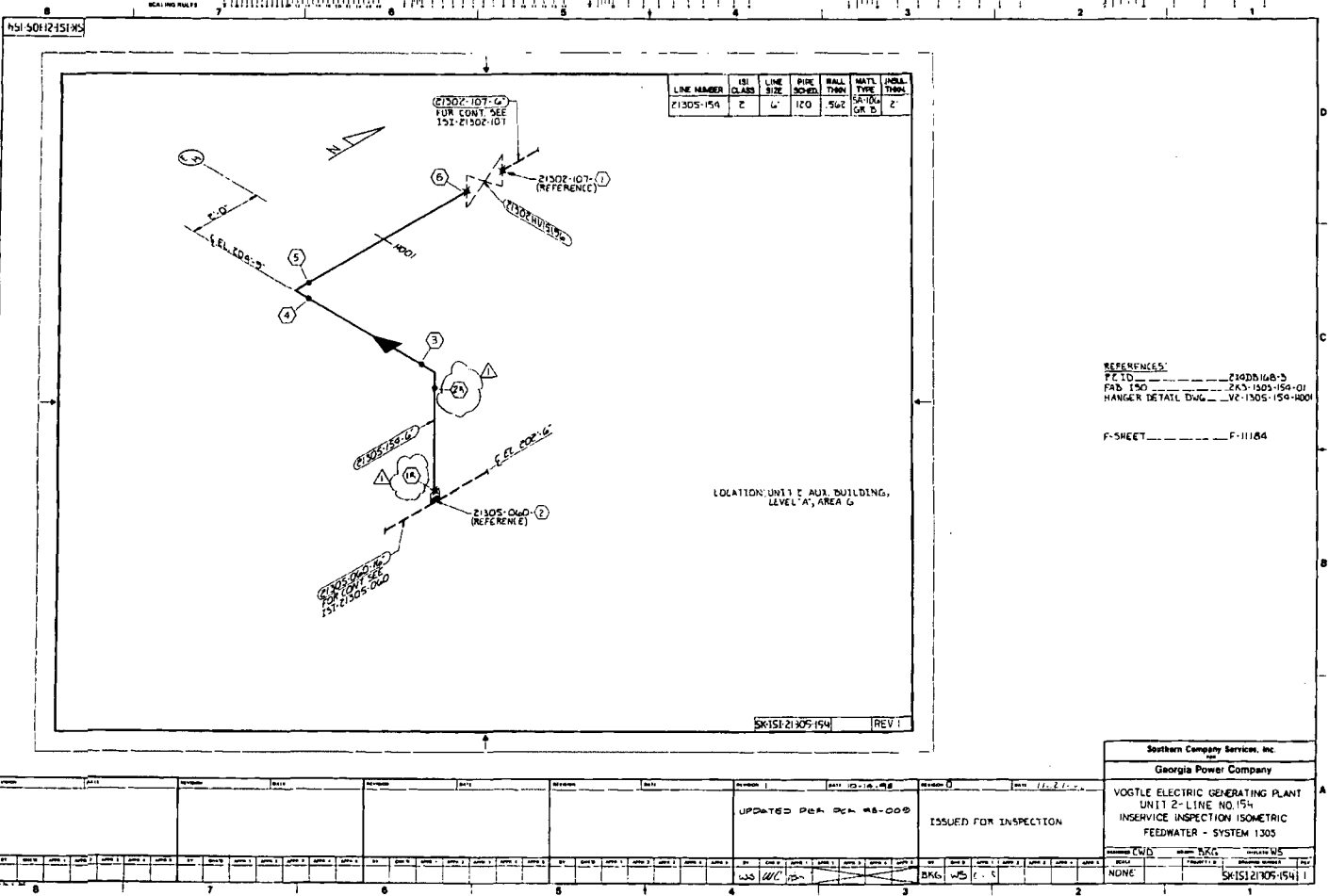
Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 004	
INSERVICE INSPECTION ISOMETRIC	
FEEDWATER - SYSTEM 1305	
DESIGNED BY	CHKD BY
DRAWN BY	APP'D BY
DATE	DATE
151-21305-064	1

GENERAL NOTES:
ADD H007, WELD #104, PBR 304
DELETE WELD #12

ISSUED FOR INSPECTION

DATE: 11-21-86

BY: WES CLO



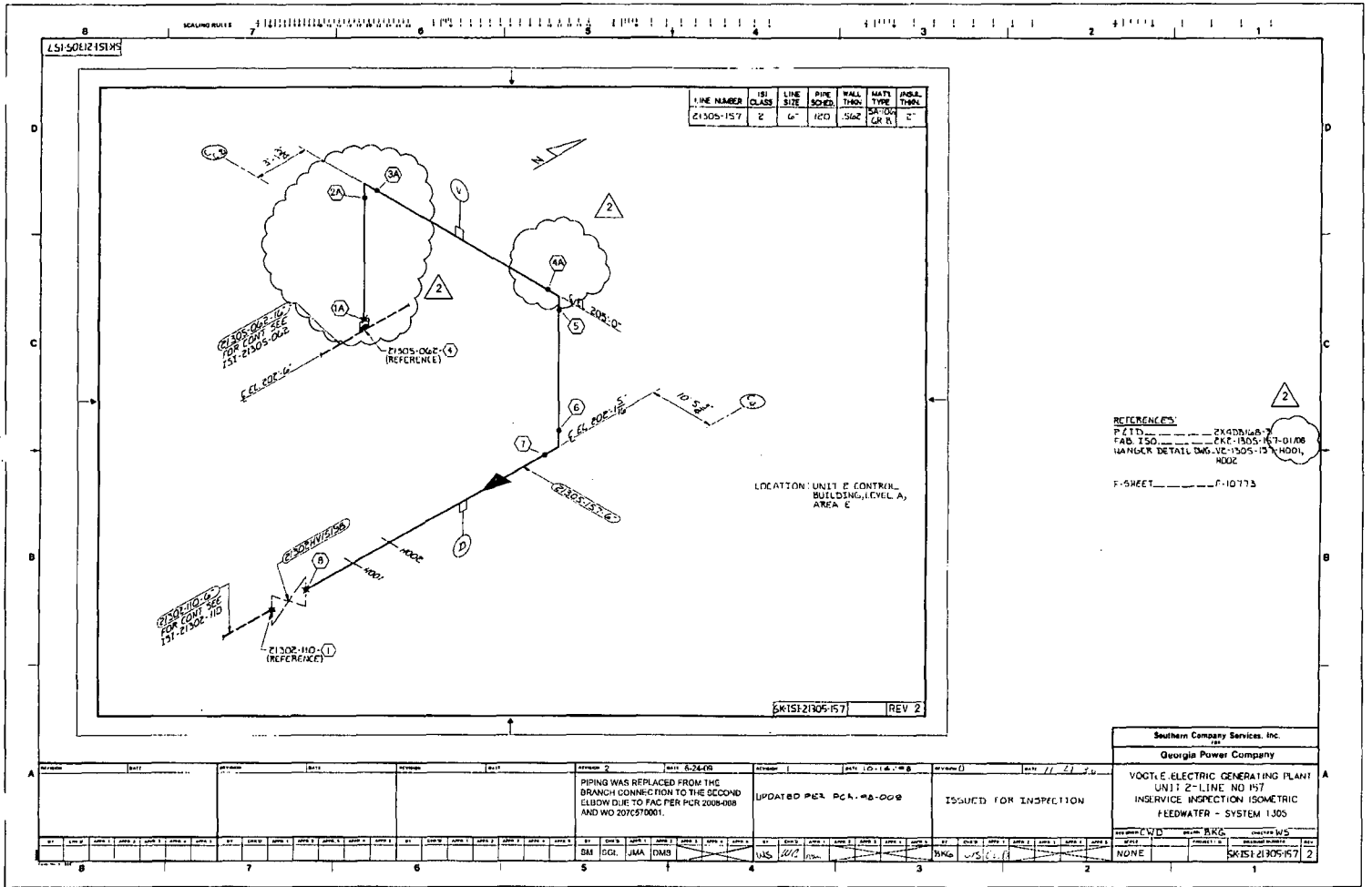
REFERENCES:
 FEED _____ 21402-108-3
 FAB. 150 _____ 21402-150-01
 HANGER DETAIL DWG. _____ 21402-150-1001

F-SHEET _____ F-11184

LOCATION: UNIT 2 AUX. BUILDING,
 LEVEL A, AREA G

SK151-21302-154 REV. 1

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT UNIT 2-LINE NO. 154 INSERVICE INSPECTION ISOMETRIC FEEDWATER - SYSTEM 1305	
DESIGNED BY: JMC	CHECKED BY: JMC
DATE: 11/18/84	DATE: 11/18/84
BY: JMC	FOR: 154-000
ISSUED FOR INSPECTION	



P & ID _____ 2X408135-1
FAB. ISO. _____ 2V4-1501-024-01/4
2K4-1202-15B-03/06

151-21501-025	0
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NAME	DOB	PROPERTY 1,2	PROPERTY 3,4	APR
NONE			151-21501-028	0

LINE NUMBER	CLASS		PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK.	MAT'L TYPE	DESIGN PRESS	DESIGN TEMP.	OPER PRESS	OPER TEMP.	INSUL THICK.
	1ST	PROV.										
21202-205	2	212	2	6"	40S	.280"		200	280 F	145*	95 F	N/A
21501-029	2	212	2	6"	40S	.280"	FOUR SUPPLIED	200	280 F	145*	95 F	N/A

CONTAINMENT COOLER
7-1501-27-003-1000
TRAIN - B
PROJECT CLASS 212

LEGEND:

1. INDICATES FIELD WELD.
2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. INDICATES SHOP WELD.
4. PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID 2X408125-1
FAB. ISO. 2V4-1501-029-01/02
2V4-1202-205-01/05



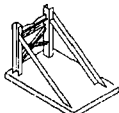
TYPE A
BOX SUPPORT



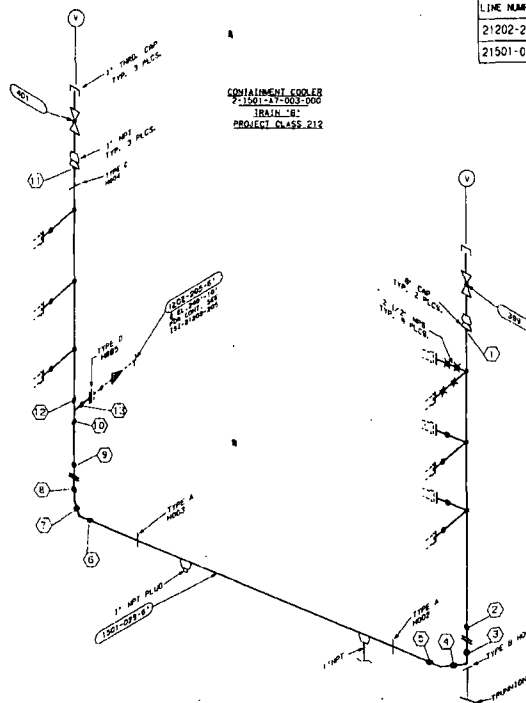
TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT



Southern Company Services, Inc.
Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2 - LINE NO. 029
ISI ISOMETRIC
NUCLEAR SERVICE COOLING
WATER SYSTEM
SYSTEM 1501

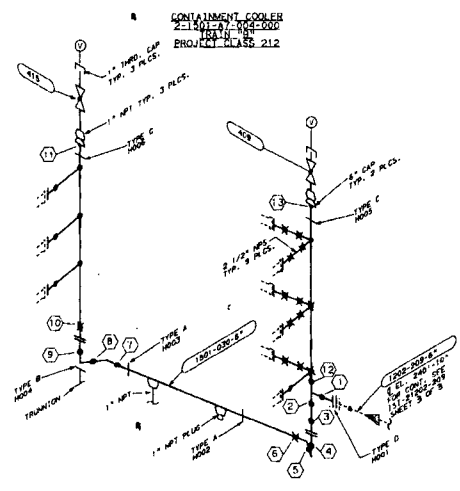
ISSUED FOR INSPECTION

CAD DESIGNED BY TMA

251-2150-029 0

LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THICK.	MAT'L TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER PRESS.	OPER TEMP.	INSUL THICK.
	ISI	PROJ.										
21202-209	2	212	2	6"	40S	.280"	SAF2 TP304L	200	280°F	145	95°F	N/A
21501-030	2	212	2	6"	40S	.280"	REPAIR REPLACES	200	280°F	145	95°F	N/A

- LEGEND:**
- 1. INDICATES FIELD WELD.
 - 2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3. INDICATES SHOP WELD.
 - 4. PIPE SUPPORT
- REFERENCE DRAWINGS:**
- P & ID 234063135-1
- PAB. 150 214-1501-030-01/04
- 2K4-1202-209-02/08



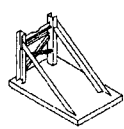
TYPE A
BOX SUPPORT



TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT

Southern Company Services, Inc.	
Georgia Power Company	
VOGTLE ELECTRIC GENERATING PLANT	
UNIT 2 - LINE NO. 030	
ISI ISOMETRIC	
NUCLEAR SERVICE COOLING	
WATER SYSTEM	
SYSTEM 1501	
DATE	ISSUED FOR INSPECTION
21501-030	0

LINE NUMBER	CLASS		PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK.	MAT'L TYPE	DESIGN PRESS	DESIGN TEMP.	OPER. PRESS	OPER. TEMP.	INSUL THICK.
	SI	PROJ.										
21202-212	2	212	2	6'	40S	.280"	SATJ2 TP304L	200	280°F	145*	85°F	N/A
21501-031	2	212	2	6'	40S	.280"	FOOSE SUPPLY	200	280°F	145*	85°F	N/A

CONTAINMENT COOLED
P-1501-17-104-000
TRAIN "B"
PROJECT CLASS 212

LEGEND:

1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. [Symbol] INDICATES SHOP WELD.
4. [Symbol] PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID — 2X408135-1
FAB. ISO. — 2V4-1501-031-01/02
2K4-1202-212-02/06



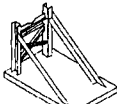
TYPE A
BOX SUPPORT



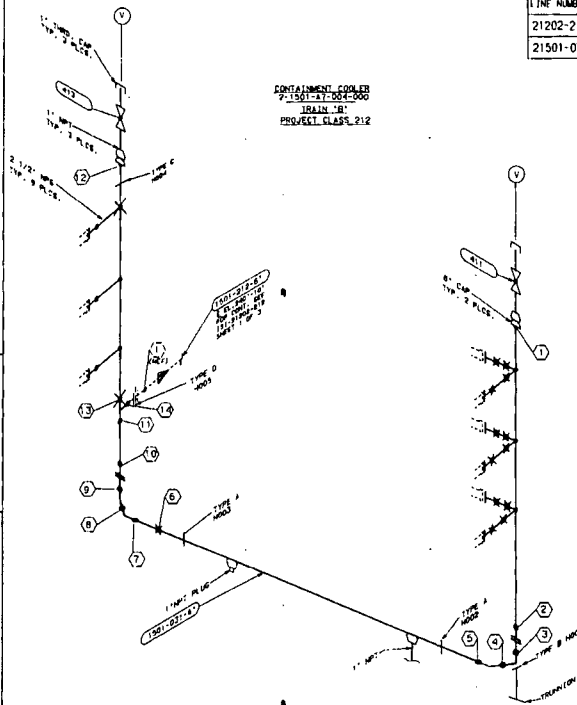
TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT



ISSUED FOR INSPECTION

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2 - LINE NO. 031
ISI ISOMETRIC
NUCLEAR SERVICE COOLING
WATER SYSTEM
SYSTEM 1501

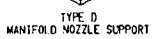
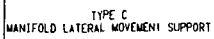
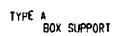
031-21501-031 0

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- B**

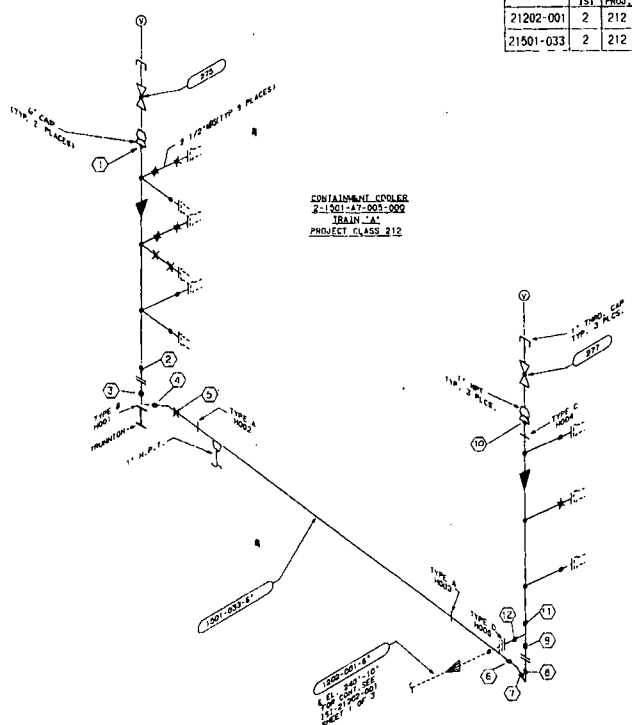
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A

LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THKN.	MAT'L TYPE	DRON PRESS	DESIGN TEMP.	OPER'T PRESS	OPER'T TEMP.	INSUL THKN.
	IST	PROV.										
21202-001	2	212	2	6"	40S	.280"	SA312 TP304L	200	280°F	145*	95°F	N/A
21501-033	2	212	2	6"	40S	.280"	HYDRO SUPPLY LTD	200	280°F	145*	95°F	N/A

- LEGEND:**
- 1. INDICATES FIELD WELD.
 - 2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 - 3. INDICATES SHOP WELD.
 - 4. PIPE SUPPORT

REFERENCE DRAWINGS:
P & ID 2K400135-1
FAB. ISO. 2K4-1501-033-01/02
2K4-1202-001-05/07



CONTAINMENT COOLER
2-1501-A7-003-002
TRAIN C-A2
PROJECT CLASS 212



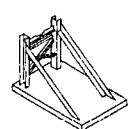
TYPE A
BOX SUPPORT



TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT

												Georgia Power Company											
APPROVED: _____ DATE: _____												VOGTLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 033 IS1 ISOMETRIC NUCLEAR SERVICE COOLING WATER SYSTEM SYSTEM 1501											
APPROVED: _____ DATE: 3/1/89												ISSUED FOR INSPECTION											
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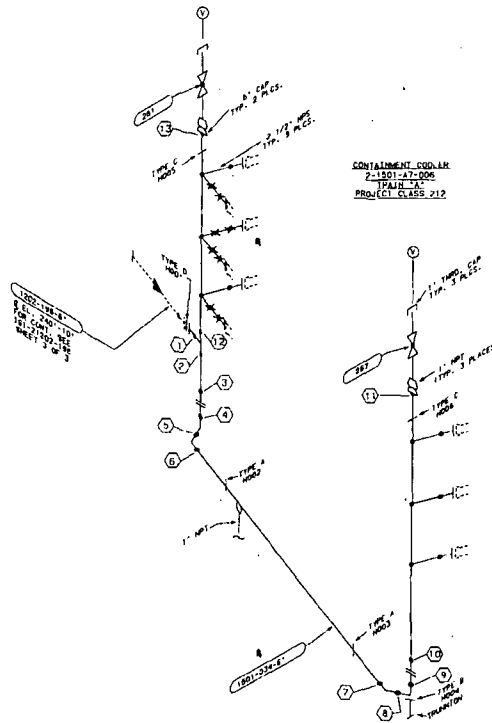
LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MAT'L	DESIGN	DESIGN	DESIGN	DESIGN	DESIGN	DESIGN
21202-196	2	212	2	6"	40S	280	200	280°F	145*	95°F	N/A	N/A
21501-034	2	212	2	6"	40S	280	200	280°F	145*	95°F	N/A	N/A

LEGEND:

1. INDICATES FIELD WELD.
2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. INDICATES SHOP WELD.
4. PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID: 2X400135-1
 FAB: 100: 2V4-1501-034-01/03
 2K4-1202-196-05/05



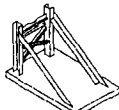
TYPE A
BOX SUPPORT



TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT

Southern Company Services, Inc.

Georgia Power Company

VOGUE ELECTRIC GENERATING PLANT
 UNIT 2 - LINE NO. 034
 ISI ISOMETRIC
 NUCLEAR SERVICE COOLING
 WATER SYSTEM
 SYSTEM 1501

ISSUED FOR INSPECTION

100-1202-196-05/05

100-1202-196-05/05

100-1202-196-05/05

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100-1202-196-05/05

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LINE NUMBER	CLASS		PIPE CLASS	LINE SIZE	PIPE SCHED	WALL THKN.	MAT'L TYPE	DESIGN PRESS.	WORK TEMP.	OPER PRESS.	OPER TEMP.	INSUL. THKN.
	ISI	PROJ.										
21202-001	2	212	2	6"	40S	.280	304 SS TYPICAL	200	280°F	145	95°F	N/A
21501-035	2	212	2	6"	40S	.280	304 SS SEWER	200	280°F	145	95°F	N/A

CONTAINMENT COOLER
2-1501-21-006
TRAIN "A"
PROJECT CLASS 212

LEGEND:

1. [Symbol] INDICATES FIELD WELD.
2. [Symbol] INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. [Symbol] INDICATES SHOP WELD.
4. [Symbol] PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID 24-408135-1
FAB. ISO 24-1501-035-01/02
24-1202-001-03/07



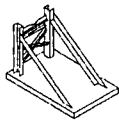
TYPE A
BOX SUPPORT



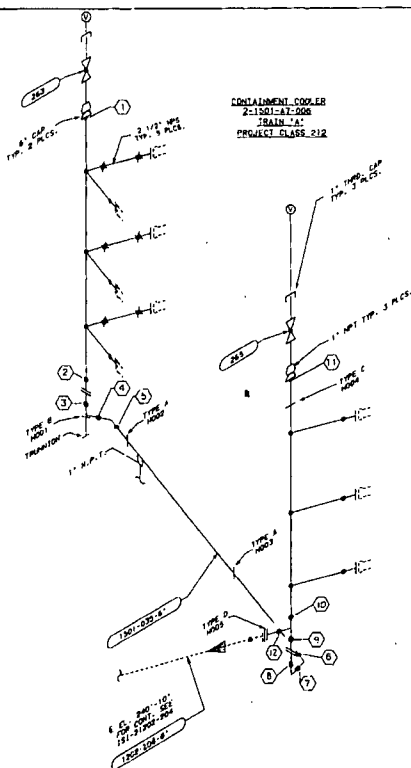
TYPE B
VENDOR SUPPLIED TRANSITION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT



Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
UNIT 2 - LINE NO. 035
ISI ISOMETRIC
NUCLEAR SERVICE COOLING
WATER SYSTEM
SYSTEM 1501

ISSUED FOR INSPECTION

8	7	6	5	4	3	2	1
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LEGEND:

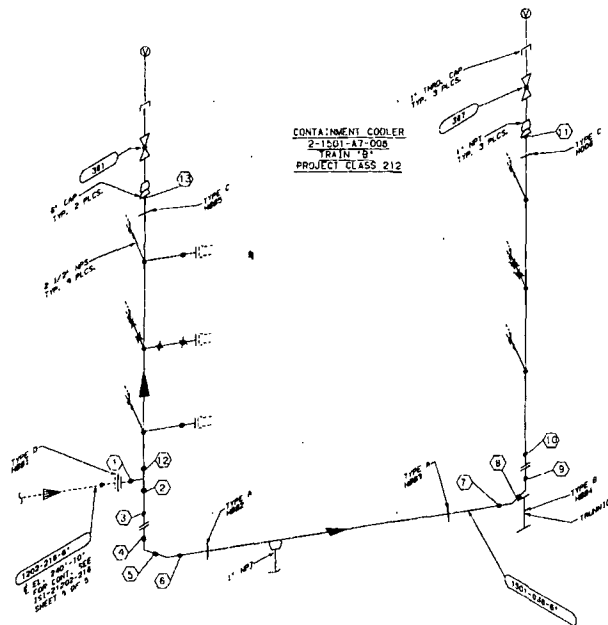
1.  INDICATES FIELD WELD.
2.  INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3.  INDICATES SHOP WELD.
4.  PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID _____ 2X408139 

FAB. ISO. _____ 2Y4-1501-038-017 

2K4-1202-218-04/05

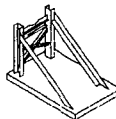


- LEGEND:**
1.  INDICATES FIELD WELD.
 2.  INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3.  INDICATES SHOP WELD.
 4.  PIPE SUPPORT
- REFERENCE DRAWINGS:**
- P & 10 _____ 2X408139 _____ 
- FAB. 150. _____ 2Y4-1501-038-017-01 _____ 
- 2K4-1202-218-04/05



TYPE A
BOX SUPPORT

TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT

TYPE D
MANIFOLD NOZZLE SUPPORT

[illegible]

LEGEND:

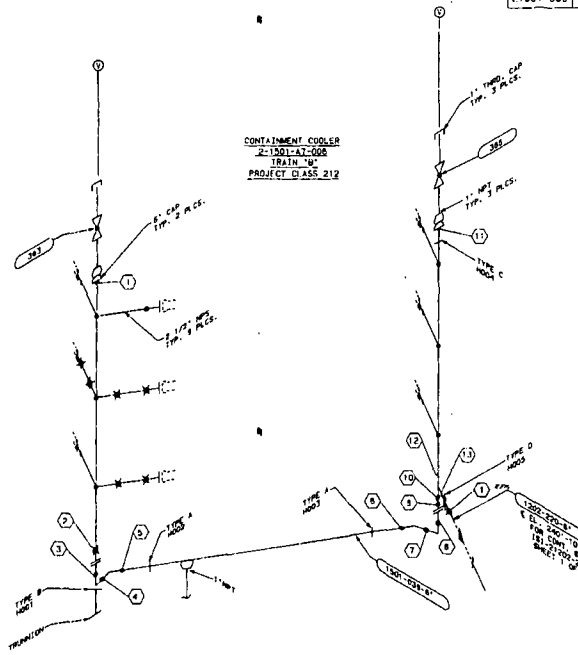
1.  INDICATES FIELD WELD.
2.  INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3.  INDICATES SHOP WELD.
4.  PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID _____ 2X408135 

FAB. ISO. _____ 2Y4-1501-039-01 

2K4-1202-220-04/05

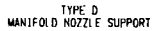
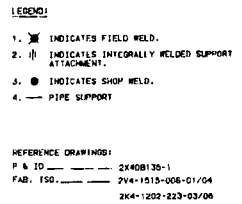


 TYPE A BOX SUPPORT	 TYPE B VENDOR SUPPLIED TRUNNION
 TYPE C MANIFOLD LATERAL MOVEMENT SUPPORT	 TYPE D MANIFOLD NOZZLE SUPPORT

DATE		NAME		ADDRESS		CITY		STATE		ZIP		ISSUED		DATE		ISSUED	
												DELETED NOTES		ISSUED FOR INSPECTION			
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10		11		12		13		14		15		16		17		18	
19		20		21		22		23		24		25		26		27	
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163		164		165		166		167		168		169		170		171	
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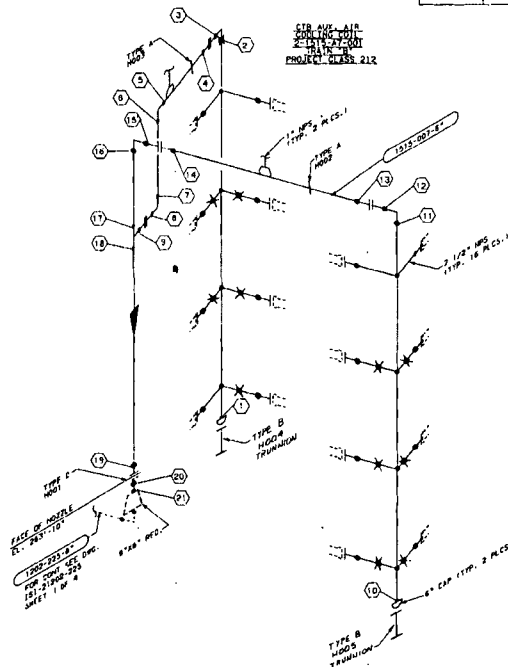
Southern Company Services, Inc.					
Georgia Power Company					
VOGTE ELECTRIC GENERATING PLANT					
UNIT 2 - LINE NO. C39					
1ST ISOMETRIC					
NUCLEAR SERVICE COOLING					
WATER SYSTEM					
SYSTEM 1501					
DATE	TIME	PROJECT	DRAWING	SHEET	NO.
NONE		1501-2	1501-2	1	

D
C
B
A



Southern Company Services, Inc.			
Georgia Power Company			
VOGTLE ELECTRIC GENERATING PLANT			
UNIT 2 - LINE NO. 006			
1SI ISOMETRIC			
NUCLEAR SERVICE COOLING			
WATER SYSTEM			
SYSTEM 1515			
DATE	PLANT	SYSTEM	BY
NOV 2	VOGTLE 2	1SI 21515 006	0

LINE NUMBER	CLASS		PIPE CLASS	PIPE SIZE	PIPE SCHED	WALL THICK.	MATERIAL TYPE	DESIGN PRESS.	DESIGN TEMP.	OPER. PRESS.	OPER. TEMP.	INSUL THICK.
	ISI	PROJ.										
21202-225	2	212	2	6"	40S	.280"	SA312 TP304L	200	280°F	145*	95°F	N/A
21515-007	2	212	2	6"	40S	.280"	WOODS SUPPLY	200	280°F	145*	95°F	N/A



- LEGEND:
1.  INDICATES FIELD WELD.
 2.  INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
 3.  INDICATES SHOP WELD.
 4. — PIPE SUPPORT

REFERENCE DRAWINGS:
P & ID _____ 2X408135-1
FAB. ISO. _____ 2V4-1515-006-01/04
2K4-1202-225-03/06



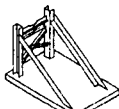
TYPE A
BOX SUPPORT



TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT

										SHEET 0 OF 3-1103 ISSUED FOR INSPECTION										VOEGLE ELECTRIC GENERATING PLANT UNIT 2 - LINE NO. 007 ISI ISOMETRIC NUCLEAR SERVICE COOLING WATER SYSTEM SYSTEM 1515																																																											
										DATE: 11/17/78 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]										NONE																																																											
6										1										0										3										4										2										1										0									

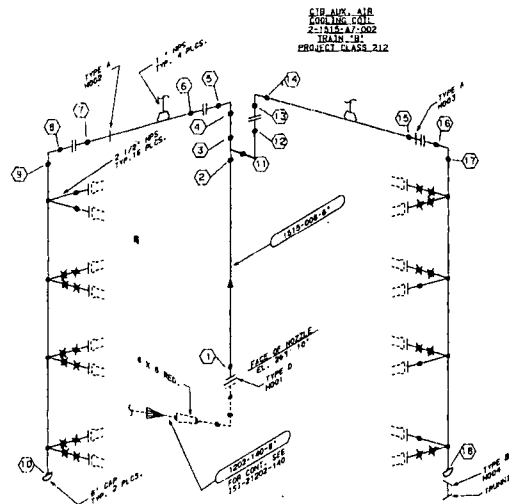
LINE NUMBER	CLASS	PIPE	LINE	PIPE	WALL	MAT'L	DESIGN	DESIGN	OPER	OPER	INSU
		THICK	CLASS	SIZE	THICK	TYPE	TEMP.	TEMP.	TEMP.	TEMP.	THICK
21202-140	2	212	2	6"	40S	280°	280°	280°	145°	95°F	N/A
21515-008	2	212	2	6"	40S	280°	280°	280°	145°	95°F	N/A

LEGEND:

1. INDICATES FIELD WELD.
2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. INDICATES SHOP WELD.
4. PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID: 2X408135-1
 FAB. ISO: 2V4-1515-008-01/04
 2V4-1202-140-01/01



TYPE A
BOX SUPPORT

TYPE B
VENDOR SUPPLIED TRUNNION

TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT

TYPE D
MANIFOLD NOZZLE SUPPORT

Southern Company Services, Inc.

Georgia Power Company

VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2 - LINE NO. 008
 ISI ISOMETRIC
 NUCLEAR SERVICE COOLING
 WATER SYSTEM
 SYSTEM (1515)

DELETED NOTES

ISSUED FOR INSPECTION

DATE: 01/01/01
 DRAWN: J. L. BROWN
 CHECKED: J. L. BROWN
 APPROVED: J. L. BROWN

LINE NUMBER	CLASS	PIPE LINE	PIPE WALL	MAT'L	DESIGN	DESIGN	OPER	OPER	INSUL
					TEMP	TEMP	TEMP	TEMP	
21202-141	2	212	2	6"	40S	280°F	145*	95°F	N/A
21515-009	2	212	2	6"	40S	280°F	145*	95°F	N/A

CTR AUG-618
 2-1515-009
 2-1515-009
 TRAIN 10
 PROJECT CLASS 212

LEGEND:

1. INDICATES FIELD WELD.
2. INDICATES INTEGRALLY WELDED SUPPORT ATTACHMENT.
3. INDICATES SHOP WELD.
4. PIPE SUPPORT

REFERENCE DRAWINGS:

P & ID: 21400139
 FAB. ISO: 214-1515-008-01/04
 214-1222-141-01/05



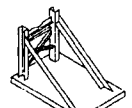
TYPE A
BOX SUPPORT



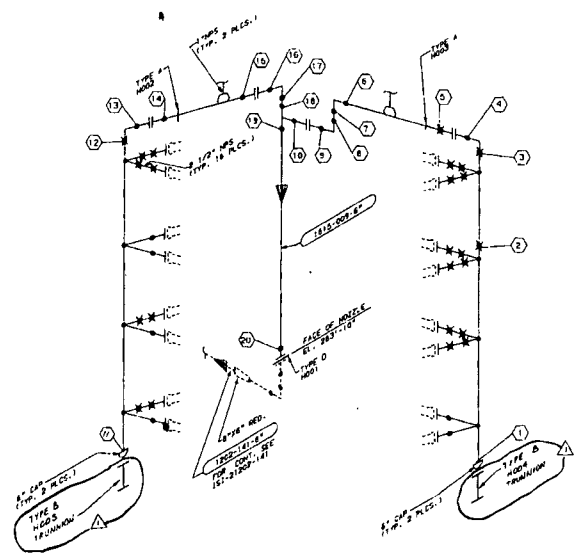
TYPE B
VENDOR SUPPLIED TRUNNION



TYPE C
MANIFOLD LATERAL MOVEMENT SUPPORT



TYPE D
MANIFOLD NOZZLE SUPPORT



Southern Company Services, Inc.
 Georgia Power Company
 VOGTLE ELECTRIC GENERATING PLANT
 UNIT 2 - LINE NO. 009
 IS1 ISOMETRIC
 NUCLEAR SERVICE COOLING
 WATER SYSTEM
 SYSTEM (1515)

DELETED NOTES
 400 4004 & 4005

ISSUED FOR INSPECTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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