

From: <david.chrzanowski@exeloncorp.com>
To: <gfd@nrc.gov>, <rgs@nrc.gov>
Date: 3/18/05 12:10PM
Subject: BYRON LSIV DRAWING

Action Required: fyi
Recommendation:

<<Document #1 Drawing.pdf>>

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Subject: BYRON LSIV DRAWING
Creation Date: 3/18/05 12:10PM
From: <david.chrzanowski@exeloncorp.com>

Created By: david.chrzanowski@exeloncorp.com

Recipients

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RGS (Robert Schaaf)
GFD (George Dick)

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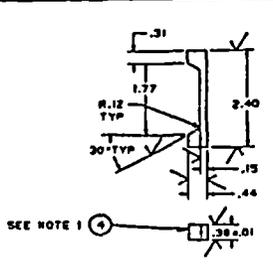
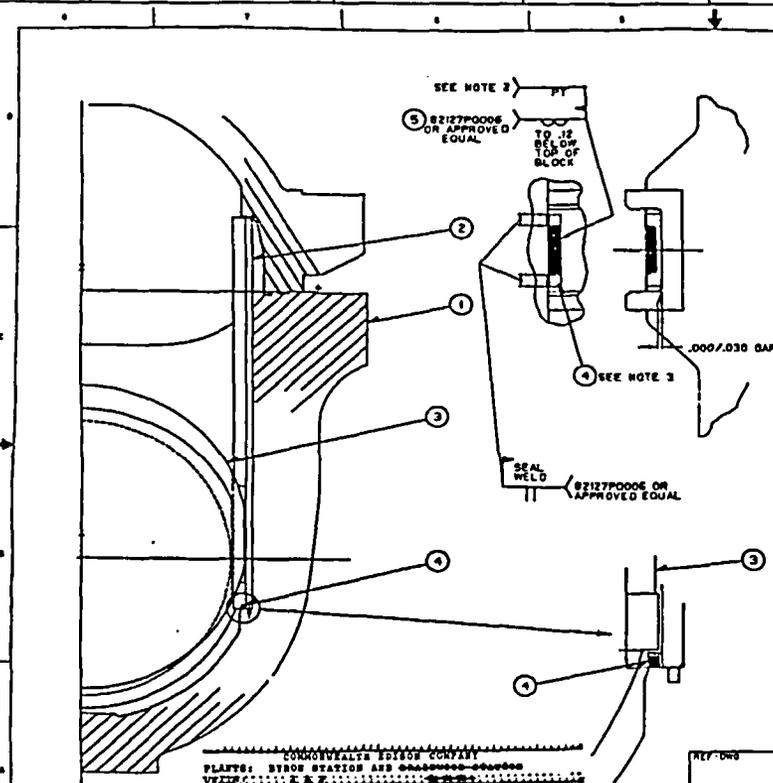
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Document #1 Drawing.pdf	160981	
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Options

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41-8102



NOTES

1. LIQUID PENETRANT INSPECT BLOCKS IN ACCORDANCE WITH ASME SECTION III, PARA. NB-2754G. USE ACCEPTANCE STANDARD FOR MATERIALS LESS THAN 6/8 INCH THICK.
2. LIQUID PENETRANT INSPECT FINAL WELD SURFACES IN ACCORDANCE WITH ASME SECTION III, NB-5000 USING ACCEPTANCE STANDARD SPECIFIED IN NB-5350. AT AN ATTEMPT TO PL. 1/2 HIGH TO ONLY A MINOR VOLUME OF DEFECTS IS CONTAINED IN OTHER WORK.
3. BLOCK ASSEMBLY NOTES:
 1. PLACE BLOCK AGAINST GUIDE & TACK BLOCK TO VALVE BODY.
 2. PLACE A LAYER OF WELD ABOVE BLOCK & BLOCKS TO BE WELDED.
 3. TAP BLOCK TO KEEP BLOCK AGAINST GUIDE.
 4. USE CAUTION NOT TO MELT BLOCK LEAD INTO THE GUIDE.

- A-BODY ASSEMBLIES 114C854001, 114C855001, 114C856001 & 114C857001.
- B-MATERIAL SHALL COMPLY WITH ASME BOILER AND PRESSURE VESSEL CODE, SECTION III, SUBSECTION NB, 1971 EDITION THIRD W/3 DR. LATER ADDENDA.
- C-MATERIAL SHALL COMPLY WITH SA479 TYPE 304 OR 316, SA240 TYPE 304 OR 316. THE MAXIMUM COBALT CONTENT SHALL NOT EXCEED 0.20 %.
- D-TYPE 308 WELD WIRE SHALL MEET REQUIREMENTS OF SECTION II SPA B 9 AND SECTION III NB-2400 OF THE ASME BOILER AND PRESSURE VESSEL CODE W/3 ADDENDA OR LATER.
- E-DELTA FERRITE SHALL BE DETERMINED FROM THE ACTUAL CHEMICAL ANALYSIS OF THE WIRE USING FIGURE NB-2433.1.1 OF SECTION III. THE DELTA FERRITE SHALL BE REPORTED IN FERRITE NUMBER (FN). FN OF WELD WIRE SHALL BE NO LESS THAN 5 OR GREATER THAN 20.

COMMONWEALTH EDISON COMPANY
 PLANTS: BYRON STATION AND 00000000-000000
 STATUS: APPROVED FIELD MODIFICATION
 CERTIFICATION LTR. TO: EAW-9668 CSW-3447
 SHOP ORDER: GAB/CBS/CCE/CSE-113
 AUTHORITY: J. E. FAIR

REF. DWG	OS10000	TOLERANCE & SURFACE FINISH	WELDING	WELDING	WELDING

PARTS LIST	
WIRE AND REFERENCE INFORMATION	WESTINGHOUSE ELECTRIC CORPORATION
FIELD MODIF-GUIDE	RETENTION, ISOL VALVE
GUID-RETNN	
D 04808	3D18417

REV	DESCRIPTION	REV. DATE	REV. BY	REV. FOR

ComEd CHECKED BY: BYRON STATION NUCLEAR SAFETY RELATED EQUIPMENT IS SHOWN ON THIS DRAWING	3D18417 SHEET NUMBER: 312x D MOD
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