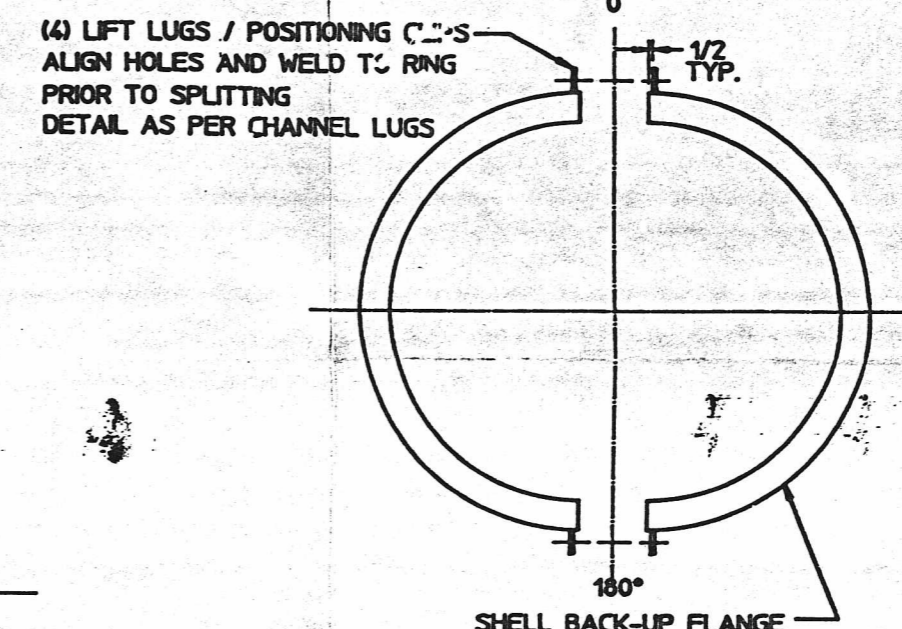
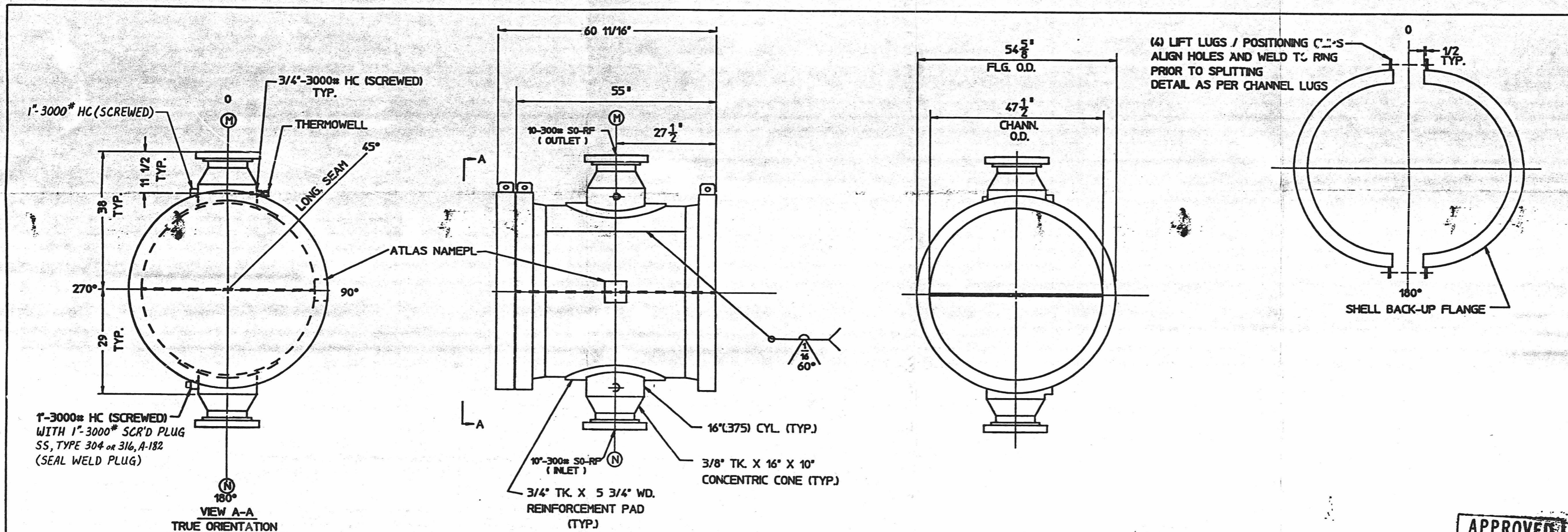


UNCONTROLLED COPY



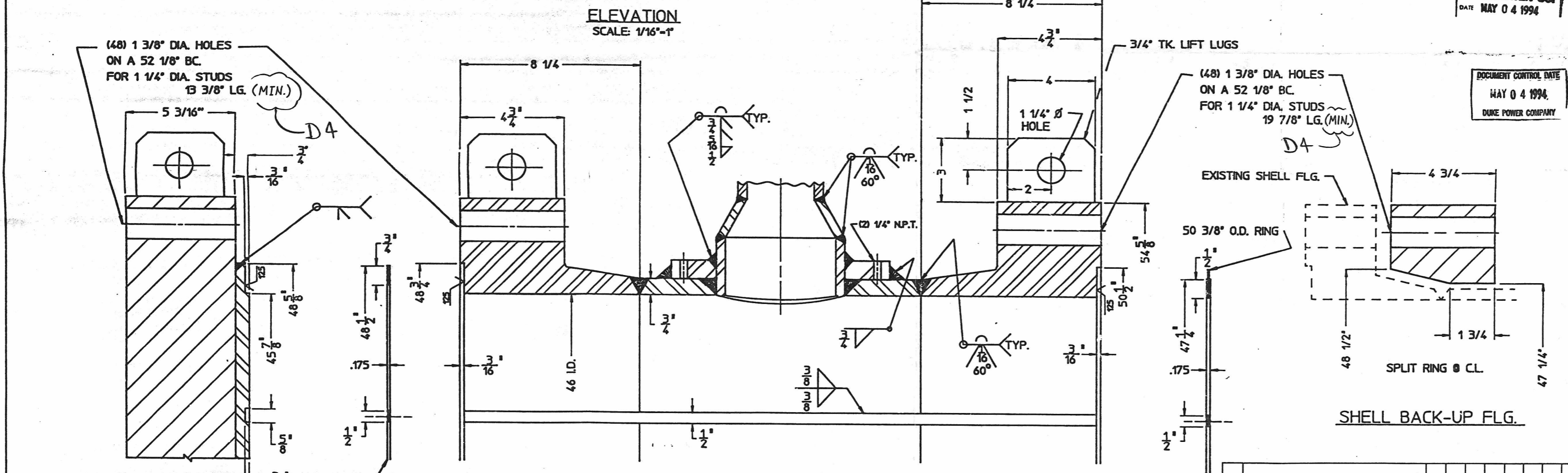
NAME PLATE STAMPING	
NAT'L. BD. #	
CERTIFIED BY	ATLAS INDUSTRIAL MFG. CO. CLIFTON, N.J.
MAX. ALLOW. WORKING PRESSURE	SHELL 5 PSI AT 250 °F
TUBES 5 PSI AT 250 °F	
MIN. DES. METAL TEMPERATURE	SHELL -20 °F AT 5 PSI
TUBES -20 °F AT 5 PSI	
SERIAL (SEE NOTE 13)	YEAR
DUKE POWER P.O. NO. A31930-73	
ITEM NO. (SEE NOTE 13)	

* NAT'L. BD. NO. ISSUED AT TIME OF SHIPMENT

- NOTES**
- LOCATION OF INSTALLATION : SEMECA, S.C.
 - CUSTOMER'S INSPECTION REQUIRED.
 - TEST PRESSURE (psi) 844
CORROSION ALL. (in.) 0
 - WEIGHTS (lb) CHANNEL 3890 CHANNEL COVER 3400 BACK-UP FLG 800
 - ALL BOLT HOLES TO STRADDLE UNIT/NOZZLE CENTERLINES.
 - ALL TOLERANCES ARE PER TEMA.
 - RADIOGRAPHY : 100% ALL BUTT WELDS
 - SANDBLAST : ALL C.S. PER SSPC-SP6-63T
 - SANDBLAST INTERNAL SURFACES OF CHANNEL TO CLEAN WHITE METAL AFTER FABRICATION
 - PAINT : ALL C.S. PRIME COAT CARBOZINC 11 (3 MILS DFT FINISH COAT, PHENOLINE 305 (4 MILS DFT))
 - WATER FOR HYDRO-TEST TO HAVE CHLORIDE CONTENT NOT EXCEEDING 0.1 PPM
 - PROVIDE SHIPPING COVERS ON NOZZLES WITH ONE DESICCANT (NON CHLORIDE) ATTACHED. TAG EA. NOZZLE AS FOLLOWS "CAUTION-REMOVE DESICCANT BAGS BEFORE USE"
 - CLEANING TO BE IN ACCORDANCE WITH ATLAS STD. 102
 - JOB NO. ITEM NO. SERIAL
8216-1 1LP-C1A 7998
8216-2 2LP-C1A 8096
 - CUSTOMER TO SUPPLY THE FOLLOWING:
A. STUDS & NUTS
B. GASKETS
C. THERMOWELLS
 - SEE SEISMIC CALCULATIONS FOR 31P-C1A & 8 SUPPT. LOADS
 - THE TORQUE VALUES FOR THE STUDS ARE 1100 FT-LBF NOM AND 1600 FT-LBF MAX.
 - QUALITY ASSURANCE IN ACCORDANCE WITH 10CRPS0, APP. B
 - THIS DWG. IS APPLICABLE TO DECAY HEAT COOLERS "1A" & "2A" ONLY.

APPROVED
DUKE POWER CO.
DATE MAY 04 1994

DOCUMENT CONTROL DATE
MAY 04 1994
DUKE POWER COMPANY



SEE DWG A-12595 (OM-201.-3131-001) FOR GASK. DETAIL

CONSTRUCTION DETAIL SCALE: NONE

SEE DWG A-12595 FOR GASK DETAIL

SHELLSIDE MATERIAL SPECIFICATIONS		TUBESIDE MATERIAL SPECIFICATIONS		TUBE BUNDLE MATERIAL SPECIFICATIONS		MISCELLANEOUS MATERIAL SPECIFICATIONS	
PIPE	NOZZLE NECKS	PIPE	NOZZLE NECKS	TUBES	SUPPORTS	STUDS	HA SA-193-B7
ROLLED PLATE	NOZZLE FACINGS	ROLLED PLATE	NOZZLE FACINGS	TUBESHEETS	SUPPORT PADS	NUTS	CS SA-194-2H
HEAD	NOZZLE FLANGES	HEADS	NOZZLE FLANGES	BAFFLES	CHANNEL LUGS		
END PLATE	REINF. PADS	END PLATES	REINF. PADS	TIE RODS	COVER LUG		
BACK-UP FLANGE	COVER CYLINDER	COVER FACING	COVER CYLINDER	SPACERS	B-U FLG. LUGS		
UNIT FLANGES	COVER HEAD	UNIT FLANGES	COVER HEAD	DEFL./IMP. PLATE	NAME PL. BRACKET		
EXP. JT. (STUBS)	COVER FLANGE	COVER	COVER FLANGE	LONG BAFFLE	NAME PLATE		
EXP. JT. (BELLOWS)		PASS PARTITION		SEALING BARS			
COUPLINGS		COUPLINGS		SEALING STRIPS			

CUSTOMER : DUKE POWER COMPANY
STATION: OCONEE
D.E. FILE #8344-020100-00-0001-00
P.O. NO. : A31930-73
UNITS REQ'D. : TWO (2)
ATLAS JOB NO. : 8216

INDUSTRIAL MANUFACTURING CO.
81 SOMERSET PLACE
CLIFTON, N.J.

CHANNELS FOR DECAY HEAT COOLERS

SCALE	MADE	OK	APP.	GA	DATE	DRAWING NO.	REV.
AS	J.G.	C.R.	F.M.	R.M.	10/7/91	D-12592	D4

NOTED