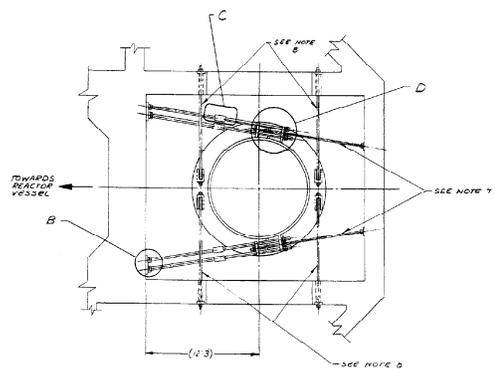
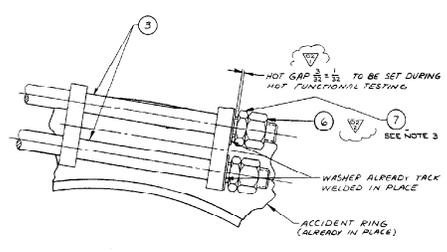


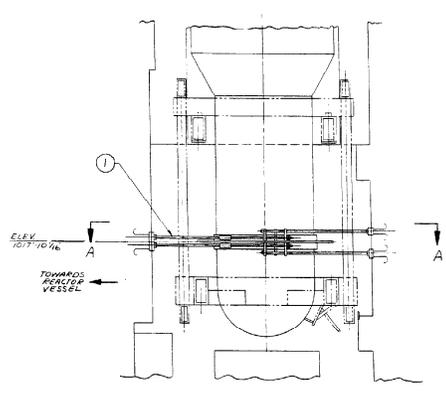
BILL OF MATERIALS					
QUANTITY	UNIT	NAME	ITEM NO.	MATERIAL	REMARKS
1	PC	SEE P.C. 1/A ACCIDENT RING SUPPORTING STRAPS 30" DIA	1		
8	ROD		2		
4	ROD		3		
4	SLEEVE		4		
8	WASHER		5		
4	HEX NUT		6		
4	JAM NUT		7		
8	COTTER PIN		8	33846-30-207	SEE NOTE 6



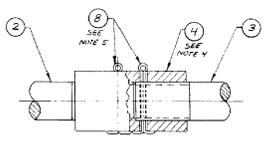
SECTION AA



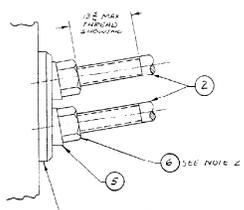
DETAIL D  
SCALE: 1/8  
TYP. 4 PLACES



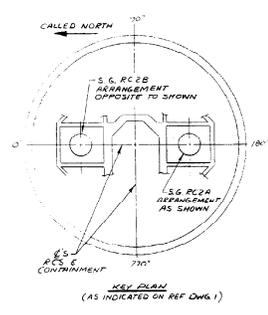
ELEVATION



DETAIL C  
SCALE: 1/8  
TYP. 8 PLACES



DETAIL B  
SCALE: 1/8  
TYP. 4 PLACES



SEE PLAN  
(AS INDICATED ON REF DWG. 1)

- THE FIGURES INDICATED REFER TO OUR UNLS-5-20-1-50.
- REMOVAL OF PREVIOUSLY INSTALLED RODS MAY REQUIRE CUTTING THE RODS.
- THE THREADED RODS PREVIOUSLY INSTALLED IN THESE LOCATIONS MUST REMAIN AS SHOWN ON REF. DWG. 1.
- THE THREADED RODS PREVIOUSLY INSTALLED IN THESE LOCATIONS CAN BE PERMANENTLY REMOVED.
- COTTER RING, ITEM 8, CANNOT BE REUSED; SUFFICIENT RESERVES SHOULD BE PROVIDED IN THE EVENT DISASSEMBLY IS NECESSARY.
- INSERT COTTER RING, ITEM 8, THROUGH SLOTS IN SLEEVE, ITEM 4 AND HOLES IN RODS, ITEMS 2 & 3. BEND BACK BOTH TABS OF COTTER RING, ITEM 8, UNTIL THE END CONTACT SURFACE OF SLEEVE, ITEM 4, WITH HOLES IN RODS, ITEMS 2 & 3.
- TIGHTEN HEX NUT, ITEM 6, TO 100-125 FT-LBS WHILE HOLDING JAM NUT, ITEM 7, TO ACHIEVE INDICATED.
- TORQUE NUT, ITEM 6, TO PROVIDE TENSION EQUAL TO 75% OF MINIMUM YIELD STRENGTH OF ROD, ITEM 2, (1100 ± 75 FT-LBS).
- THIS DRAWING IS FOR THE RETROFIT OF THE ACCIDENT RING SUPPORT RODS. THE CONFIGURATION SHOWN ON THIS DRAWING SUPERSEDES THAT SHOWN ON REF. DRAWINGS 1 & 2. THE REMOVAL OF SOME OF THE PREVIOUSLY INSTALLED RODS IS NECESSARY FOR REPLACEMENT WITH THE HARDWARE SHOWN IN THE BILL OF MATERIALS. FOR ADDITIONAL CONSIDERATIONS WORK THIS DRAWING WITH C.E. DOCUMENT 23866-321-020, INSTALLATION GUIDELINES.

E-23866-321-020

CERTIFIED FOR CONSTRUCTION

- REFERENCE DRAWING:
- REACTOR PLANT STEAM GENERATOR STEEL SUPPORTS SHEET 1, GIBBS & HILL DWG. 11VOS-5-29.
  - REACTOR PLANT STEAM GENERATOR STEEL SUPPORTS SHEET 2, GIBBS & HILL DWG. 11VOS-5-30.

NUCLEAR SAFETY RELATED

NO.	DESCRIPTION	DATE	BY	CHKD.	APP.	REVISIONS
1	INITIALLY RELEASED AS CERTIFIED					
2	FOR CONSTRUCTION AND MODIFIED					
3	REVISED NOT GAP (1) UNLESS					
4	TORQUE ON REQUIRED LOCATION OF					
5	JAM NUT, ITEM 7 AND HEX NUT, ITEM					
6	ZONE 5-13 REVISED NOTES 2 & 3					
7	PER REV. REQ. 11VOS-5-29					

POWER SYSTEMS	OMAHA PUBLIC POWER DISTRICT	STEAM GENERATOR ACCIDENT RING SUPPORT INSTALLATION
PROJECT NO.	DATE	SCALE
DESIGNED BY	CHECKED BY	DATE
DRAWN BY	DATE	SCALE