



KEY PLAN
NOT TO SCALE

- NOTES:
1. THE REACTOR BUILDING IS A CATEGORY I STRUCTURE AND QUALITY ASSURANCE IS REQUIRED.
 2. FOR GENERAL NOTES, SEE 4RW0725-XI-1.
 3. UNIT 1 AS SHOWN, UNIT 2 OPPOSITE HAND ABOUT THE 0-180° CENTERLINE EXCEPT AS NOTED.
 4. CONCRETE SHALL BE CLASS 401.5 B FW, EXCEPT AS NOTED.
 5. PENETRATIONS SMALLER THAN 30" DIAMETER ARE NOT SHOWN. P.W. LOCATIONS OF ALL PENETRATIONS SET STRUCTURAL STEEL, MECHANICAL AND ELECTRICAL DRAWINGS.
 6. CHAMFER ALL EXPOSED EDGES.
 7. ANY POINT ON THE FACE OF WALL SHALL BE PLUMB WITHIN 3/8" PER 50 FEET OF HEIGHT AND WITHIN 2 INCHES FOR THE TOTAL HEIGHT. CONCRETE THICKNESS TOLERANCE SHALL BE MINUS 1/4" INCH TO PLUS 5/8" INCH THE OUTSIDE AND INSIDE RADII. AT ANY ELEVATION SHALL BE WITHIN 5% OF THE THEORETICAL VALUES. IN ADDITION, THE DIFFERENCE BETWEEN THE MAXIMUM AND MINIMUM INSIDE DIAMETERS OR OUTSIDE DIAMETERS SHALL NOT EXCEED 6" AT ANY ELEVATION.
 8. ANCHOR BOLTS FOR THE JUMP FORM SELF RAISER SUPPORTS SHALL NOT BE LOADED UNTIL THE CONCRETE HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 1200 PSI AND A MINIMUM AGE OF 3 DAYS.
 9. 400.75 BFW CLASS CONCRETE MAY BE USED ON CONSTRUCTION TO FILL THE SPACE BETWEEN A REMAINING 30" AND 18" BETWEEN ELEVATIONS 781.0 & 791.0. WHERE SHIELD PLATES ARE LOCATED, THEY MAY VARY.

PRINTS REQUIRED

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NOTE A1:
THE CONTAINMENT WALL POURS BETWEEN ELEVATIONS 620.25 AND 635.25 SHALL BE MADE WITH CLASS 350.75 CONCRETE.

NOTE B1:
CONCRETE CLASS MAY BE CHANGED FROM 401.5 B FW TO 400.75 B FW FOR POURS R1-10-2, 21, 32, 33, 34, 35, 40, 41, 67, 71, 8c AND R2-10-2, 23, 31, 32, 33, 34, 40, 41, 5a & 6a.

DEVELOPED ELEVATION A1-A1
UNIT 1 AS SHOWN
UNIT 2 OPP HAND

Docket # 50-4386129
Control # 827010288
Date 8/22/82 of Document
REGULATORY DOCKET FILE

PRC
APERTURE
CARD

REFERENCE DRAWINGS:
4RW0725-XI-1-BILL OF MATERIAL

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

COMPANION DRAWINGS: 4RW0725-XI-2 & 3

7	1/28/81	REV. DEL. ELEV. A1 AL PER ELEV. 887.5 TO 887.5 PER FCR 0-559
6	5/1/81	ADDED NOTE 9 PER FCR 0-2464
5	1/2/81	ADDED NOTE B1 PER FCR 0-1572, REV. DEL. ELEV. A1 PER FCR 0-1756
4	1/2/81	FCR 0-509, ADDED BLOCKWORKS & SI, ADDED OPT VERT CONST JTS
3	1/2/81	FCR 0-373 & 0-433, ADDED OPT CONST JTS, PER 3-418, REVISED NOTE 7
2	1/2/81	FCR 0-316, ADDED OPT VERT CONST JTS
1	1/2/81	ISS & SI

MINOR REVISIONS

REV	NO.	DATE	BY	CHKD	APP'D
1	1	1/2/81	PHILLIP R. WASHER		
2	2	1/2/81	JACK E. MCINTOSH		
3	3	1/2/81	STEVEN W. HANSEN		
4	4	1/2/81	J.A. BENEDETTI		

REACTOR BUILDING
UNITS 1 & 2

CONCRETE
SECONDARY CONTAINMENT
EL 620.25 TO EL 887.5-OUTLINE

BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

APPROVED: *[Signature]*

REVISIONS: *[Signature]*

KNOXVILLE 10-3-75 88 C 4RW0725-XI-1 R7