



PRC  
APERTURE  
CARD

SAFETY-RELATED  
ITEMS ARE SHOWN ON THIS DRAWING  
FOR SAFETY CLASSIFICATION SEE (CC-ME-OI-MH)

NOTE:

1. WALL THICKNESSES INDICATED ON DRAWINGS REFLECT RADIATION SHIELDING REQUIREMENTS.
2. ORDINARY CONCRETE SHIELDING WALL THICKNESSES ARE SPECIFIED FOR A UNIFORM MASS DENSITY OF 140 LB/FT<sup>3</sup>.
3. BLOCK WALL SHIELDING THICKNESSES ARE SPECIFIED ON THESE DRAWINGS TO NEAREST 2" ACTUAL AS BUILT THICKNESSES WILL BE NO LESS DUE TO BLOCK DIMENSIONS ACTUALLY USED.
4. FOR OTHER SHIELDING INFORMATION REFER TO DESIGN CRITERIA (CC-ME-10-MH) REV. 3.

LEGEND

- 1 - CONCRETE WALLS
- 2 - BLOCK WALLS
- 3 - SLAB SHIELDING
- 4 - WALL SHIELDING
- 5 - RENEWABLE BLOCK WALLS
- 6 - AREA RADIATION MONITOR
- 7 - AREA RADIATION INDICATOR ALARM
- 8 - FIXED CONSTANT AIR MONITOR
- 9 - LIQUID PROCESS MONITOR

REV.	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
B	12-21-80	W. J. ...	J. P. ...	J. P. ...	CHANGED LOCATION AND DIMENSION OF VENTILATION OPENING
C	1-22-81	W. J. ...	J. P. ...	J. P. ...	MOVED AND TOOK OUT SHIELDING WALL
D	11-15-80	W. J. ...	J. P. ...	J. P. ...	ADDITIONAL NOTATION IS PLACED
E	11-17-80	W. J. ...	J. P. ...	J. P. ...	REVISIONS TO SPEC. Y-2722 AND SPEC. Y-2723
F	11-18-80	W. J. ...	J. P. ...	J. P. ...	REVISIONS TO SPEC. Y-2722 AND SPEC. Y-2723
G	11-18-80	W. J. ...	J. P. ...	J. P. ...	REVISIONS TO SPEC. Y-2722 AND SPEC. Y-2723

REV.	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
A	5-10-80	W. J. ...	J. P. ...	J. P. ...	BYRON REV. DATED 11-16-79 ADDED UNIQUE FEATURES FOR INFORMATION PER SPEC. Y-2722 AND SPEC. Y-2723
B	11-24-80	W. J. ...	J. P. ...	J. P. ...	BYRON REV. G. DATED 11-12-80 FOR INFORMATION PER SPEC. Y-2722 AND SPEC. Y-2723

GENERAL ARRANGEMENT  
AUX. BLDG. RADIATION SHIELDING  
BYRON BRADWOOD ST. UNIT 1 & 2  
PUBLIC SERVICE INDIANA  
PLAINFIELD, INDIANA

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

DATE: 11-18-80

PROJECT NO: 4808-00

DRAWING NO: 1801G

SHEET 1 OF 20

SARGENT & LUNDY  
CHICAGO, ILLINOIS

GENERAL ARRANGEMENT  
AUXILIARY BUILDING  
RADIATION SHIELDING  
MARBLE HILL NUCLEAR  
GENERATING STATION 1 & 2  
PUBLIC SERVICE INDIANA  
PLAINFIELD, INDIANA

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

DATE: 11-18-80

PROJECT NO: 4808-00

DRAWING NO: 1801G

SHEET 1 OF 20

SARGENT & LUNDY  
CHICAGO, ILLINOIS



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RIDS

