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July 10, 1981

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Attn: Boyce H. Grier, Regional Director  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406



Reference: Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
IE Bulletin 80-11

Gentlemen:

Attached is a copy of revisions made to Attachments E and H to our report for IE Bulletin 80-11 dated November 4, 1980. Revisions to Attachment H were due to additional information being added and the deletion of information not utilized for the analysis. Attachment E changed as a result of changes to Table 3 of Attachment H.

If you have any questions, please contact my office.

Very truly yours,

J. J. Carey  
Vice President, Nuclear

Attachment

cc: Mr. D. A. Beckman, Resident Inspector  
U.S. Nuclear Regulatory Commission  
Beaver Valley Power Station  
Shippingport, PA 15077

U.S. Nuclear Regulatory Commission  
c/o Document Management Branch  
Washington, DC 20555

U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Division of Reactor Inspections Operation  
Washington, DC 20555

IE 11  
3  
1/1

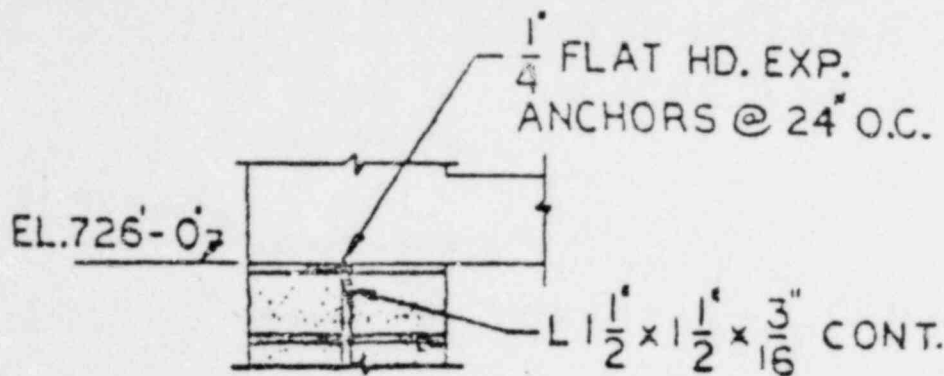
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ATTACHMENT E

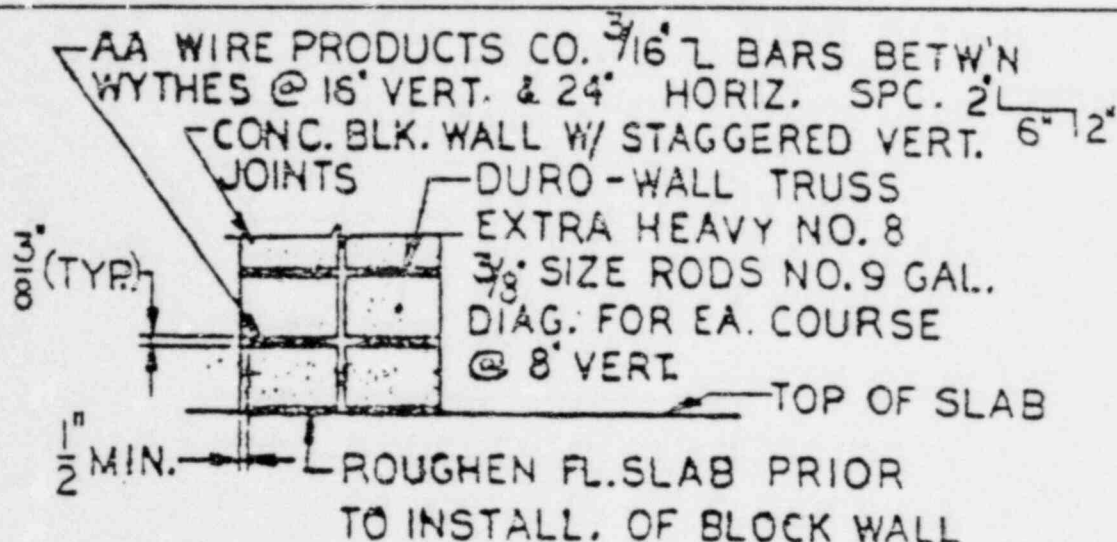
BUILDING	* BLOCK	MORTAR, m <sub>0</sub>	GROUT	REINFORCING
AUXILIARY	NORMAL WEIGHT CONCRETE- SOLID BLOCK 2500 PSI NET AREA ASTM C145, f'm = 1550 PSI	2500 PSI (TYPE M)		1/32" DURO-WALL 33,350 PSI (YIELD STRESS.)
CABLE VAULT	NORMAL WEIGHT CONCRETE- SOLID BLOCK 2500 PSI NET AREA ASTM C145, f'm = 1550 PSI	2500 PSI (TYPE M)		
FUEL BUILDING	LIGHT WEIGHT CONCRETE- HOLLOW BLOCK 2000 PSI NET AREA ASTM C90, f'm = 1000 PSI	750 PSI (TYPE N)		
SERVICE BUILDING AT EL. 713'-6" (SB1)	NORMAL WEIGHT CONCRETE- HOLLOW BLOCK WITH CONCRETE FILL 2500 PSI NET AREA ASTM C90, f'm = 1550 PSI	2500 PSI (TYPE M)	2500 PSI	1/32" DURO-WALL 33,350 PSI (YIELD STRESS)
SERVICE BUILDING AT EL. 722'-6" (SB2) AT EL. 735'-6" (SB3)	LIGHTWEIGHT CONCRETE- HOLLOW BLOCK WALLS-SB3-8, 9 & 12 2000 PSI NET AREA LOAD BEARING ASTM C90, f'm=1000 PSI WALLS REMAINING 700 PSI NET AREA ASTM C129, f'm = 500 PSI	750 PSI (TYPE N)		

\* NORMAL WEIGHT CONCRETE = 135 LB. PER CU. FT.

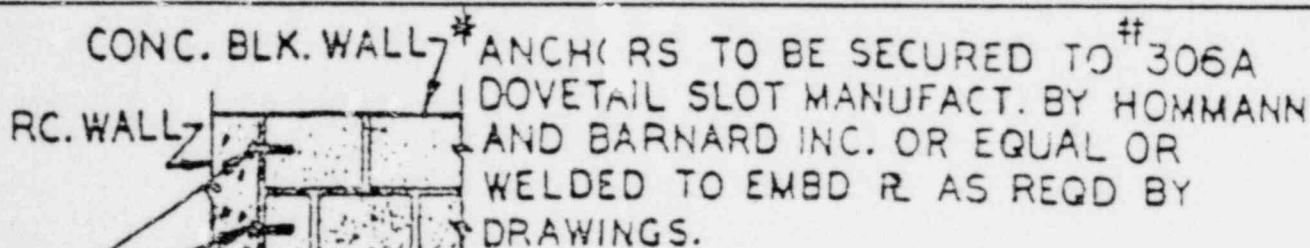
LIGHT WEIGHT CONCRETE = 105 LB. PER CU. FT.



(TYP. FOR WALLS AB1-10 & AB1-19)



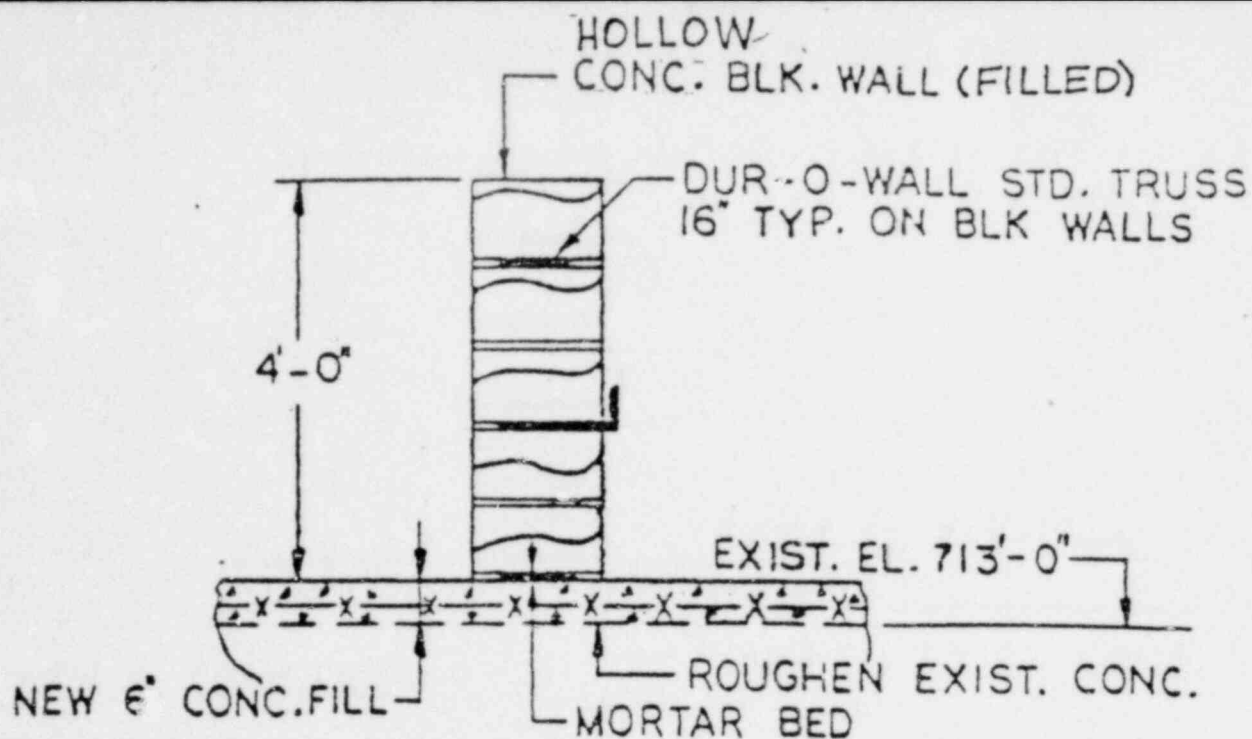
(TYP. FOR ALL REINF. SOLID BLK. WALLS)



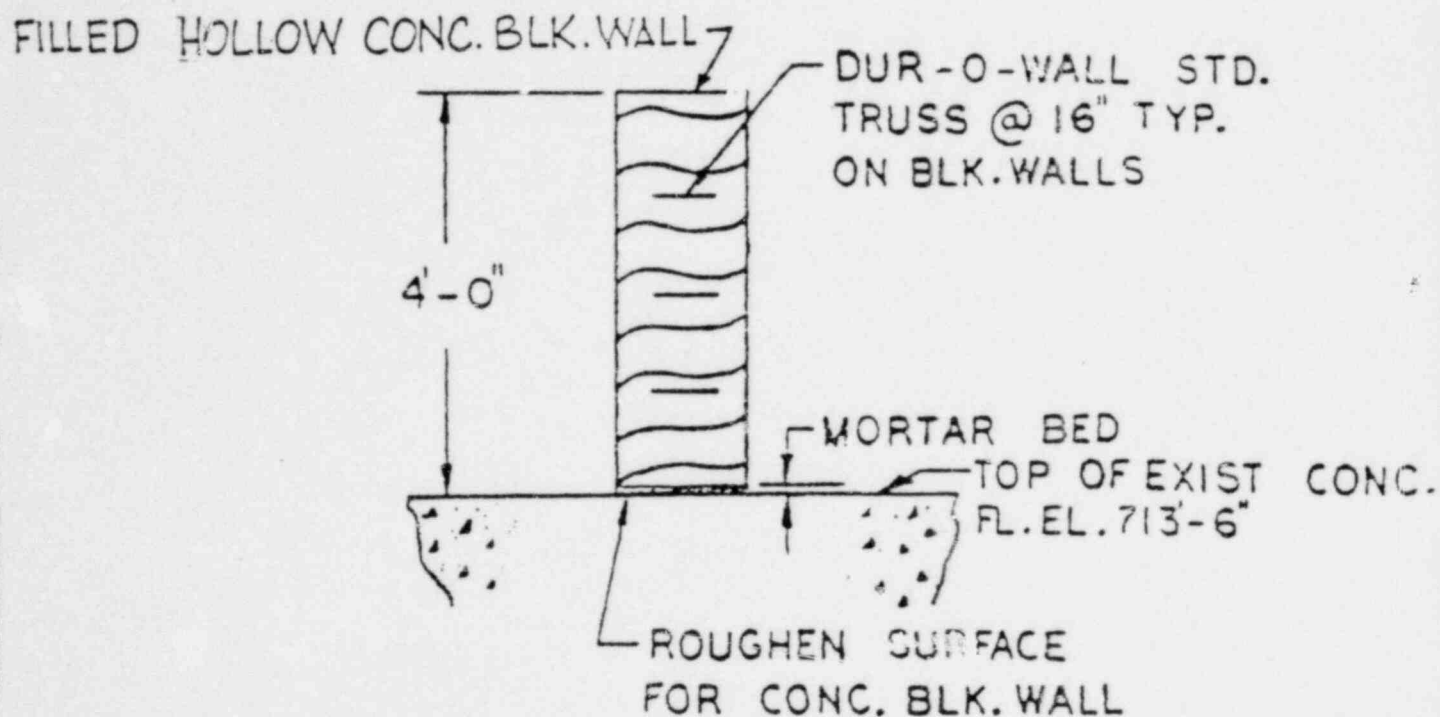
DOVETAIL ANCHORS #12 GA. 3/4" x 5 1/2" CORRUGATED @ 8" VERT. FOR REINF. BLK. WALL & 16" VERT. FOR NON-REINF. BLK WALL UNLESS OTHERWISE NOTED.

(TYP. FOR ALL SOLID BLK. WALLS)

1		TITLE		TYPICAL DETAILS		SCALE: NONE			
CHECKED				BY-1 MASONRY BLK WALLS		DATE 10-20-80			
CORRECT						SH. 1		SKETCH NUMBER	
APPROVED									
REVISIONS	②	③	④	⑤					



TYP. FOR SB 1-3



TYP. FOR SB-1-1, 1-2, 1-4

		TITLE		SCALE: NONE	
CHECKED		TYPICAL DETAILS BY-1 MASONRY BLK.WALLS SH.2		DATE 10-20-80	
CORRECT				SKETCH NUMBER	
APPROVED					
REVISIONS	②	③	④	⑤	

HOLLOW FILLED  
CONC. BLK. WALL

DUR-O-WALL TRUSS  
EXTRA HEAVY NO. 8  
3/16" SIZE RODS NO. 9 GAL  
DIAG. FOR EA. COURSE  
@ 8" VERT.

8 1/8" (TYP.)

TOP OF SLAB

1/2" MIN.

12"

DETAIL FOR SBI-6 THRU SBI-15

		TITLE			
CHECKED		TYPICAL DETAILS BV-1 MASONRY BLK WALLS SH. 3			
CORRECT					
APPROVED					
REVISIONS	(2)		(3)	(4)	(5)

SCALE NONE  
DATE 10-20-80  
SHEET NUMBER

ATTACHMENT E  
REV. 1, MARCH 12, 1981