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CRUTCHFIELD,D. Operating Reactors Branch 5

SUBJECT: Forwards list of safety-related masonry walls per SEP Topics II-2.A,III-2,III-4.A & III-7.B, "Structural Reanalysis Program - Block Walls."

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SUBJECT: Forwards list of safety-related category cells for SEP Topics III-2,III-4.A,III-4.D & III-7.B,"Structural Reanalysis Program - Block Walls."

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JOHN E. MAIER
Vice President

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April 28, 1983

Director of Nuclear Reactor Regulation
Attention: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: SEP Topics II-2.A, III-2, III-4.A, and III-7.B
"Structural Reanalysis Program" - Block Walls

Dear Mr. Crutchfield:

In our April 22, 1983 submittal, "Structural Reanalysis Program for the Robert E. Ginna Nuclear Power Plant", RG&E provided our recommendations for structural elements which should be considered for upgrade to withstand tornado effects. The basis for selection of these structures is noted as those which are required to assure:

- the integrity of the reactor coolant pressure boundary,
- the capability to shut the reactor down and maintain it in a safe shutdown condition, and
- the capability to prevent accidents which could result in offsite exposure in excess of the dose guidelines of 10 CFR Part 100.

Based upon the safe shutdown scenario discussed in Section 3.5 of the April 22 report, the attached list indicates those walls that RG&E currently considers safety-related and whose integrity must be maintained to assure safe shutdown. Specifically, RG&E stated that the block walls whose failure could damage required main steam and feedwater line components in the intermediate building, and those which would affect the spent fuel assemblies, should be considered for upgrading. No other block walls potentially exposed to tornado effects are considered as safety-related.

Several other block walls are located such that tornadoes could not cause any structural damage, and thus were not evaluated in the April 22 report. However, using the same safety design basis, the following additional walls are considered safety-related:

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- Control building walls which could damage vital equipment in the battery room, relay room, and air handling room; and,

- Walls which are internal to containment, as listed in our response to I.E. Bulletin 80-11, submitted by letter of November 4, 1980.

Very truly yours,

John E. Maier

J. E. Maier

SAFETY-RELATED MASONRY WALLS

NO.	BUILDING	RG&E DWG. AND IDENTIFICATION*	
1	Control	33013-971	1C
2	Control	33013-971	2C
3	Control	33013-971	3C
4	Control	33013-971	4C
5	Control	33013-971	5C
6	Control	33013-971	6C
7	Control	33013-972	1C
8	Control	33013-972	2C
9	Control	33013-972	3C
10	Control	33013-972	4C
11	Control	33013-972	5C
12	Control	33013-972	6C
13	Control	33013-973	3C
14	Control	33013-973	4C
15	Control	33013-973	5C
16	Auxiliary	33013-973	16A
17	Auxiliary	33013-973	17A
18	Containment	33013-971	1M
19	Containment	33013-971	2M
20	Containment	33013-971	3M
21	Containment	33013-972	1M
22	Containment	33013-973	1M
23	Containment	33013-973	2M
24	Intermediate	33013-972	1I
25	Intermediate	33013-972	2I
26	Intermediate	33013-972	3I
27	Intermediate	33013-972	4I
28	Intermediate	33013-972	5I
29	Intermediate	33013-972	6I
30	Intermediate	33013-972	7I
31	Intermediate	33013-972	8I
32	Intermediate	33013-972	9I
33	Intermediate	33013-972	10I
34	Intermediate	33013-972	11I
35	Intermediate	33013-973	Part of 1I
36	Intermediate	33013-973	11I(P)
37	Intermediate	33013-973	9I(P)

*Referenced drawings were submitted as part of the I.E. Bulletin 80-11 Response submitted November 4, 1980.