

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8401170009 DOC.DATE: 84/01/10 NOTARIZED: NO DOCKET #
 FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH.NAME AUTHOR AFFILIATION
 MAIR,J.E. Rochester Gas & Electric Corp.
 RECIP.NAME RECIPIENT AFFILIATION
 CRUTCHFIELD,D. Operating Reactors Branch 5

SUBJECT: Submits general plan to identify & resolve outstanding
 plant-specific issues re Suppl 1 to NUREG-0821,"Cable Tray
 Seismic Evaluation."Final schedule will be established after
 progress toward resolution of NRC questions occurs.

DISTRIBUTION CODE: A001S COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES:NRR/DL/SEP 1cy. 05000244

RECIPIENT		COPIES		RECIPIENT		COPIES	
ID CODE/NAME		LTTR ENCL		ID CODE/NAME		LTTR ENCL	
NRR ORB5 BC 01		7					
INTERNAL: ELD/HDS4		1	0	NRR/DE/MTEB		1	0
NRR/DL DIR		1	1	NRR/DL/ORAB		1	0
NRR/DSI/METB		1	1	NRR/DSI/RAB		1	1
<u>REG FILE</u> 04		1	1	RGN1		1	1
EXTERNAL: ACRS 09		6	0	LPDR 03		1	1
NRC PDR 02		1	1	NSIC 05		1	1
NTIS		1	1				
NOTES:		1	1				

1. The first part of the report is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general idea of the progress made.

2. The second part of the report is a detailed account of the work done during the year. It is a full and complete statement of the work, and is intended to give a detailed account of the progress made.

3. The third part of the report is a statement of the conclusions reached during the year. It is a brief statement of the results of the work, and is intended to give a general idea of the progress made.

4. The fourth part of the report is a statement of the recommendations made during the year. It is a brief statement of the results of the work, and is intended to give a general idea of the progress made.

1910		1911		1912		1913	
Jan	Feb	Jan	Feb	Jan	Feb	Jan	Feb
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136
137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184
185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

JOHN E. MAIER
Vice President

TELEPHONE
AREA CODE 716 546-2700



January 10, 1984

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: Cable Tray Seismic Evaluation
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

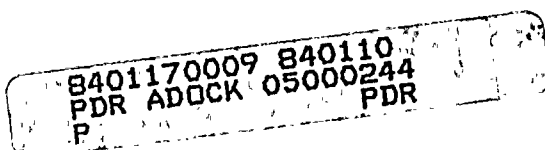
Dear Mr. Crutchfield:

As noted in Section 2.7.5 of NUREG-0821, Supplement 1, August 1983, RG&E committed to developing a program to address cable tray seismic capability by the end of 1983.

As part of the SEP Owners Group, two reports dated April 29, 1983 and August 31, 1983 were submitted to the NRC concerning the Owners Group efforts for seismic testing and analysis of cable tray and support configurations. The NRC has responded with a set of questions by letter dated November 23, 1983 from Christopher Grimes to Richard Schaffstall of KMC, Inc. Most of these questions were discussed in a meeting of November 29, 1983 between the NRC and the SEP Owners Group. It is expected that the majority of these questions can be resolved in the first calendar quarter of 1984.

Based on the results of the Owners Group testing and analysis program, and the anticipated resolution of NRC comments concerning the program, RG&E has developed a general plan to identify and resolve outstanding plant-specific issues, if necessary:

1. Following NRC review and approval of the Owners Group report, including any resultant revisions to the report, RG&E will survey at Ginna Station the set of parameters identified in the report as most indicative of cable tray support system seismic capability (e.g., hanger spacing, type of support, seismic response spectra, tray loading).



Appl
1/10

DATE January 10, 1984

TO Mr. Dennis M. Crutchfield

2. RG&E will compare the acceptable values of these parameters (the envelope), based on the seismic analysis included in the August report, with the plant-specific parameter values for Ginna Station cable tray support systems.
3. RG&E will evaluate cable tray supports which have elements of the seismic parameter set significantly outside the envelope. This evaluation will determine whether factors such as actual tray loading and location, or local seismic response spectra, will compensate for the deviations. The evaluation will be performed for a sample set of cable trays supports, chosen by experienced engineering judgment, which are considered suitably conservative to be representative of the cable tray supports at Ginna Station.
4. Where unresolved differences exist, RG&E will evaluate the potential for cable tray failure, and the possible consequences of such failures, due to the out-of-range parameters.
5. Where safe shutdown margins are considered to be significantly reduced, RG&E will develop a cost-effective set of hardware modifications.

RG&E considers that the overall potential for cable tray system seismic failure is low, based on the absence of failures during the SEP Owners Group testing program, tests previously performed by the Bechtel Corporation, and the supporting analyses. Therefore, no schedule has yet been established for final resolution of this issue at Ginna. The final schedule will be established after progress toward resolution of NRC questions occurs, and the NRC indicates acceptance of the SEP Owners Group report.

Very truly yours,

John E. Maier
John E. Maier

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100