

50-237

APR 29 1977

General Electric Company  
ATTN: Dr. Glenn G. Sherwood  
Manager, Safety & Licensing  
175 Curtner Avenue  
San Jose, California 95125

Gentlemen:

During the past two-year period, a number of reactor facility licensees using GE systems filed proprietary documents relating to the emergency core cooling system requirements of Appendix K to 10 CFR Part 50 and requested that they be withheld from public disclosure pursuant to Section 2.790 of 10 CFR Part 2. Enclosed is a description of each of the proprietary documents, the names of the licensees filing them, the date on which they were transmitted to the Commission, and the facilities involved.

We have reviewed the justifications provided and the proprietary information contained in the documents on the enclosed list and concluded that there is not sufficient justification for our withholding this information from public disclosure. The basis for this conclusion is that we feel it would be highly unlikely, if not impossible, for General Electric competitors to utilize the results of the calculations relating to the requirements specified in Appendix K to 10 CFR Part 50 to qualify their own design models since:

1. developing a correlation from the results of the analysis on a given plant design requires knowledge of many other parameters which would generally not be available to the General Electric competitors; and
2. any such correlation used as a basis for ECCS calculations would have to be based on sufficient experimental data to justify its adequacy.

APR 29 1977

Therefore, based on your supporting information, we have determined, in accordance with §2.790 of the Commission's regulations in effect at the time your requests were made, that the ECCS information identified on the enclosed list, and requested to be withheld, is not proprietary. Furthermore, withholding of the ECCS information in this situation is not in the public interest since there exists a strong need for the public to be fully apprised as to the bases for the Commission's licensing actions.

Accordingly, thirty days from the date of this letter, the documents will be placed in the Public Document Room at 1717 H Street, N. W., Washington, D. C., and in the various local public document rooms for the involved facilities. If within thirty days of this letter you request withdrawal of the listed documents, they will not be placed in the public document rooms. However, should you withdraw these documents you should be aware that the information contained therein was used in various licensing actions and that the Commission would consider its absence from the record to greatly impair the understanding of your ECCS analysis.

A copy of a letter on this matter being sent to each licensee involved is also enclosed.

Sincerely,

Original signed by:  
Karl R. Goller

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors

DISTRIBUTION:

- Dockets ( ) EAReeves J Cooke
- NRC PDR ( ) RPSnaider JRBuchanan
- Local PDR ( ) ASchwencer TBAbernathy
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- KRGoller MRushbrook
- DKDavis MService
- MGrotenhuis HGerin
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- PO'Connor OI&E (3)
- MFletcher DEisenhut

*KRG*  
DOR/AD/ORs  
KRGoller  
4/28/77

Enclosures:

1. List of Proprietary ECCS Information
2. Letter being sent licensees

cc w/enclosures:  
See next page

\*SEE PREVIOUS YELLOW FOR CONCURRENCES

OFFICE >	DOR:ORB#2 4/28	DOR:ORB#1	DOR:ORB#3	DOR:ORB#4	DOR:AD/OT	OELD
SURNAME >	RMDiggs.ro	SSheppard*	CParrish*	RIngram*	DEisenhut*	JCooke*
DATE >	/ /77	/ /77	/ /77	/ /77	/ /77	4/22/77
	*DLZiemann	ASchwencer*	GLear*	RReid*		

Therefore, based on your supporting information, we have determined, in accordance with §2.790 of the Commission's regulations in effect at the time your requests were made, that the ECCS information identified on the enclosed list, and requested to be withheld, is not proprietary. Furthermore, withholding of the ECCS information in this situation is not in the public interest since there exists a strong need for the public to be fully apprised as to the bases for the Commission's licensing actions.

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Sincerely,

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors

Enclosure:  
List of Proprietary ECCS  
Information

cc w/enclosure:  
See next page

DISTRIBUTION

Dockets ( )	ASchwencer	GLear
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ORB #3 Reading	JLee	
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KRGoller	HGearin	
DKDavis	JMaynard	
MGrotenhuis	OI&E (3)	
RDSilver	DEisenhut	
PO'Connor	JCooke	
MFletcher	JRBuchanan	DOR:AD/ORs
EAREeves	TBAbernathy	KRGoller
RPSnaider	ACRS (16)	4/ 177

\*See Previous Yellow for  
Concurrences -

*Only minor changes 2/21/77  
on page 28/18.*

OFFICE >	DOR:ORB #2 RMDiggs:ro	DOR:ORB #1 SSheppard*	DOR:ORB #3 CParrish*	DOR:ORB #4 RIngram*	DOR:AD/OT DEisenhut*	OELD JCooke
SURNAME >	DLZiemann*	ASchwencer*	GLear*	RReid*		
DATE >	1 / 177	1 / 177	1 / 177	1 / 177	1 / 177	4/22/77

Therefore, based on your supporting information, we have determined in accordance with § 2.790 of the Commission's regulations, in effect at the time your requests were made, that the ECCS information identified on the enclosed list requested to be withheld is neither proprietary nor should it be withheld as the Commission considers its understanding of your ECCS analysis greatly impaired without this information. Accordingly, thirty days from the date of this letter, the documents will be placed in our Public Document Room at 1717 H Street, N. W., Washington, D. C., and in the various local public document rooms for the involved facilities. If within thirty days of this letter you request withdrawal of the listed documents, they will not be placed in the public document rooms. However, should you withdraw this information you should be aware that this information was used in various licensing actions.

Sincerely,

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors

Enclosure:  
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Information

cc w/enclosure:  
See next page.

DISTRIBUTION

Dockets ( )	MRushbrook
NRC PDR ( )	MService
Local PDR ( )	HGearin
ORB #1 Reading	JMaynard
ORB #2 Reading	OI&E (3)
ORB #3 Reading	DEisenhut
ORB #4 Reading	JCooke
VStello	JRBuchanan
KRGoller	TBAbernathy
TJCarter	ACRS (16)
DLZiemann	GLear
MGrotenhuis	CParrish
RDSilver	RReid
PO'Connor	RIngram
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RPSnaider	
ASchwencer	
TWambach	
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RMDiggs	
EHylton	
JLee	

DOR:AD/OT  
KRGoller  
/ /

OFFICE →	DOR:ORB #2 RMDiggs:ro	DOR:ORB #1 SSheppard	DOR:ORB #3 CParrish	DOR:ORB #4 RIngram	DOR:AD/OT DEisenhut	OELD JCooke
SURNAME →	DLZiemann	ASchwencer	GLear	RReid		
DATE →	1/25/77	1/28/77	2/12/77	2/12/77	2/12/77	1/1



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

April 29, 1977

General Electric Company  
ATTN: Dr. Glenn G. Sherwood  
Manager, Safety & Licensing  
175 Curtner Avenue  
San Jose, California 95125

Gentlemen:

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2. any such correlation used as a basis for ECCS calculations would have to be based on sufficient experimental data to justify its adequacy.

April 29, 1977

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Sincerely,

*Karl R. Goller*

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors

Enclosures:

1. List of Proprietary ECCS Information
2. Letter being sent licensees

cc w/enclosures:  
See next page

April 29, 1977

cc w/enclosure:

Commonwealth Edison Company  
ATTN: Mr. R. L. Bolger  
Assistant Vice President  
Post Office Box 767  
Chicago, Illinois 60690

Morris Public Library  
604 Liberty Street  
Morris, Illinois 60451

Moline Public Library  
504 - 17th Street  
Moline, Illinois 61265

Consumers Power Company  
ATTN: Mr. David Bixel  
Nuclear Licensing Administrator  
212 West Michigan Avenue  
Jackson, Michigan 49201

Charlevoix Public Library  
107 Clinton Street  
Charlevoix, Michigan 49720

Northern States Power Company  
ATTN: Mr. L. O. Mayer, Manager  
Nuclear Support Services  
414 Nicollet Mall - Eighth Floor  
Minneapolis, Minnesota 55401

The Environmental Conservation Library  
Minneapolis Public Library  
300 Nicollet Mall  
Minneapolis, Minnesota 55401

Boston Edison Company  
M/C NUCLEAR  
ATTN: Mr. G. Carl Andognini  
800 Boylston Street  
Boston, Massachusetts 02199

Plymouth Public Library  
North Street  
Plymouth, Massachusetts 02360

Nebraska Public Power District  
ATTN: Mr. J. M. Pilant, Director  
Licensing and Quality Assurance  
Post Office Box 499  
Columbus, Nebraska 68601

Auburn Public Library  
118 - 15th Street  
Auburn, Nebraska 68305

Tennessee Valley Authority  
ATTN: Mr. Godwin Williams, Jr.  
Manager of Power  
818 Power Building  
Chattanooga, Tennessee 37201

Athens Public Library  
South and Forrest  
Athens, Alabama 35611

Philadelphia Electric Company  
ATTN: Mr. Edward G. Bauer, Jr.  
Vice President and General  
Counsel  
2301 Market Street  
Philadelphia, Pennsylvania 19101

Martin Memorial Library  
159 E. Market Street  
York, Pennsylvania 17401

Georgia Power Company  
Oglethorpe Electric Membership Corp.  
ATTN: I. S. Mitchell, III  
Vice President & Secretary  
Georgia Power Company  
Atlanta, Georgia 30302

Appling County Public Library  
Parker Street  
Baxley, Georgia 31513

April 29, 1977

cc w/enclosure:

Niagara Mohawk Power Corporation  
ATTN: Mr. Gerald K. Rhode  
Vice President - Engineering  
300 Erie Boulevard West  
Syracuse, New York 13202

Mr. Eugene G. Saloga, Applicant Coordinator  
Nine Mile Point Energy Information Center  
P. O. Box 81  
Lycoming, New York 13093

Northeast Nuclear Energy Company  
ATTN: Mr. Donald C. Switzer  
President  
P. O. Box 270  
Hartford, Connecticut 06101

Waterford Public Library  
Rope Ferry Road, Route 156  
Waterford, Connecticut 06385

Iowa Electric Light & Power Company  
ATTN: Mr. Duane Arnold, President  
P. O. Box 351  
Cedar Rapids, Iowa 52406

Cedar Rapids Public Library  
426 Third Avenue, S. E.  
Cedar Rapids, Iowa 52401

Jersey Central Power & Light Company  
ATTN: Mr. I. R. Finrock, Jr.  
Vice President - Generation  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

Ocean County Library  
Brick Township Branch  
401 Chambers Bridge Road  
Brick Town, New Jersey 08723

Pacific Gas & Electric Company  
ATTN: Mr. John C. Morrissey  
Vice President &  
General Counsel  
77 Beale Street  
San Francisco, California 94106

Humboldt County Library  
636 F Street  
Eureka, California 95501

U. S. Nuclear Regulatory  
Commission  
Region V, Inspection &  
Enforcement  
ATTN: Mr. James Hanchett  
1990 N. California Blvd.  
Walnut Creek, California 94596

Power Authority of the State  
of New York  
ATTN: Mr. George T. Berry  
General Manager and  
Chief Engineer  
10 Columbus Circle  
New York, New York 10019

Oswego County Office Building  
46 E. Bridge Street  
Oswego, New York 13126

Yankee Atomic Electric Company  
ATTN: Mr. Robert H. Groce  
Licensing Engineer  
20 Turnpike Road  
Westboro, Massachusetts 01581



General Electric Company

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April 29, 1977

Vermont Yankee Nuclear  
Power Company  
ATTN: Mr. James E. Griffin  
President  
77 Grove Street  
Rutland, Vermont 05701

Brooks Memorial Library  
224 Main Street  
Brattleboro, Vermont 05301

General Electric Company  
ATTN: Mr. Laurence S. Gifford  
4720 Montgomery Lane  
Suite 1107  
Bethesda, Maryland 20014

## ENCLOSURE 1

PROPRIETARY ECCS INFORMATION

<u>Description of Document</u>	<u>Licensee Filing Document</u>	<u>Date of Transmittal</u>	<u>Facility</u>
1. Figures D-1 through D-10	Commonwealth Edison Company (Docket No. 50-10)	July 13, 1975	Dresden 1
2. Attachment A to Supplement E of Special Report #27 containing Figures E-1 and E-6	Commonwealth Edison Company (Docket No. 50-10)	September 2, 1975	Dresden 1
3. Figures E and H	Consumers Power Company (Docket No. 50-155)	July 25, 1975	Big Rock
4. Revised Figures B1h, C1h, B1i, and C1i to Supplement C of Special Report #15	Commonwealth Edison Company (Docket Nos. 50-237/50-249 50-254/50-265)	July 21, 1975	Dresden 2/3 Quad Cities 1/2
5. Attachment A to Supplement B of Special Report #15	Commonwealth Edison Company (Docket No. 50-265)	March 10, 1975	Quad Cities 2
6. Attachment A to Supplement C of Special Report #15	Commonwealth Edison Company (Docket No. 50-265)	April 8, 1975	Quad Cities 2
7. Revised Figures B1E/D1E and D-1a of Attachment A to Supplement C of Special Report #15	Commonwealth Edison Company (Docket No. 50-265)	April 21, 1975	Quad Cities 2
8. Figures B-2a, B-2d, C1a-1, C1a-2, C-1d-1, C-2a-1, C-2a-2, C-2b-1, C-2b-2, D-1a D-1d, D-2a and D-2b	Northern States Power Company (Docket No. 50-263)	July 9, 1975	Monticello
9. Figures C-5a, C-5b, C-6a, C-7a, C-7b, C-7c, C-8a, C-9b, and C-9c	Boston Edison Company (Docket No. 50-293)	July 9, 1975	Pilgrim 1

<u>Description of Document</u>	<u>Licensee Filing Document</u>	<u>Date of Transmittal</u>	<u>Facility</u>
10. Figure B-2	Nebraska Public Power Dist. (Docket No. 50-298)	September 3, 1974	Cooper
11. Figures B-2a, C-1a.1, C-1a.2, C-1d.1, C-1d.2, C-2a.1, C-2a.2, C-2b, C-2c.1, C-2c.2, D-1a, D-2a, D-2b and D-2c	Nebraska Public Power Dist. (Docket No. 50-298)	July 10, 1975	Cooper
12. Figures 8-6a, 8-6c, 8-7a, 8-7b, 8-7c, 8-8a, 8-8b, 8-9a, 8-9b and 8-9c	Nebraska Public Power Dist. (Docket No. 50-298)	October 7, 1975	Cooper
13. Figures B-2a, B-2b, C-2a-1, C-2a-2, C-2b-1, C-2b-2, C-1a-1, C-1a-2, C-1d-1, C-1d-2, D-1a, D-1d, D-2a and D-2b	Tennessee Valley Authority (Docket Nos. 50-259/50-260)	August 29, 1975	Browns Ferry 1/2
14. Figures B-2a, B-2b, B-2c, B-2d, C-1a, C-1b, C-1c, C-1d, C-2a, C-2b, D-1a, D-1b, D-1c, D-1d, D-2a, D-2b	Philadelphia Electric Comp. (Docket Nos. 50-277/278)	July 9, 1975	Peach Bottom 2/3
15. Figures B-2a, C-1a, C-2a, C-2b, D-1a, D-2a, D-2b, D-3	Georgia Power Company (Docket No. 50-321)	July 9, 1975	Edwin I. Hatch 1
16. All of attachment C including figures A-1 (a thru h) A-2 (a thru l) B-1 (a thru h)	Niagara Mohawk Power Corp. (Docket No. 50-220)	October 31, 1975	Nine Mile Point 1
17. Attachment C revised figures A-1 (a, b, c, d, g, h) A-2 (d, i, j, k, l)	Niagara Mohawk Power Corp. (Docket No. 50-220)	November 4, 1975	Nine Mile Point 1

<u>Description of Document</u>	<u>Licensee Filing Document</u>	<u>Date of Transmittal</u>	<u>Facility</u>
18. Figures B-2a, B-2d, C-1a, C-1d, C-2a, C-2b, D-1a, D-1d, D-2a, and D-2b	Northeast Nuclear Energy Co. (Docket No. 50-245)	July 9, 1976	Millstone 1
19. Figures B-2a, C-1a, C-2a, D-1a and D-2b	Iowa Elec. Light & Power Co. (Docket No. 50-331)	July 8, 1975	Duane Arnold
20. Figures 1, 2, 3, 4, 8, 9, 13, 14, 19, 21, 22, 23, 24 and 27 of Attachment II	Jersey Central Power & Light (Docket No. 50-219)	April 28, 1975	Oyster Creek
21. Figures B-2A, B-2B, B-2C, B-2D, C-1A-1, -2, C-1B-1, -2, C-1C-1, -2, C-1D-1, -2, C-2A-1, -2, C-2B-1, -2, C-2C-1, -2, C-2D-1, -2, C-2E-1, -2, C-2F, D-1A, D-1B, D-1C, D-1D, D-2A, D-2B, D-2C, D-2D and D-2E.	Power Authority of the State of New York (Docket No. 50-333)	July 9, 1975	FitzPatrick
22. Attachment and Figures	Power Authority of the State of New York (Docket No. 50-333)	August 1, 1975	FitzPatrick
23. Figures 1 and 2 of Attachment A	Pacific Gas & Electric Co. (Docket No. 50-133)	July 28, 1975	Humboldt Bay
24. Figures B-2, C-1, C-2, D-1 and D-2	Vermont Yankee Nuclear Corp. (Docket No. 50-271)	May 28, 1975	Vermont Yankee
25. Figures 8-5, 8-6, 8-7a, 8-7b, 8-8, 8-9a, and 8-9b of Attachment B	Vermont Yankee Nuclear Corp. (Docket No. 50-271)	July 30, 1975	Vermont Yankee



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

ENCLOSURE 2

Docket No.

Licensee

Gentlemen:

As described in the enclosed letter to the General Electric Company, we have determined that certain information claimed to be proprietary by the General Electric Company, which was filed as part of your submittal relating to performance of the ECCS at your facility, has not been sufficiently justified to warrant withholding from public disclosure pursuant to 10 CFR §2.790 of the Commission's regulations.

Accordingly, 30 days from the date of this letter, the documents will be placed in the Public Document Room at 1717 H Street, N. W., Washington, D. C. 20555, and in the applicable local public document room. If within 30 days of this letter, you request withdrawal of the listed documents, your facility application will not be in conformance with the documentation requirements of Appendix K to 10 CFR Part 50. You will be required to provide adequate documentation through the General Electric Company in non-proprietary documents or to obtain sufficient documentary support for your ECCS evaluation from other sources, using non-proprietary data or using data which is entitled to protection under 10 CFR §2.790 of the regulations.

Sincerely,

Karl R. Goller, Assistant Director  
for Operating Reactors  
Division of Operating Reactors

Enclosure:  
4/29/77 letter to  
GE w/listing