

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8609150229 DOC. DATE: 86/09/11 NOTARIZED: NO DOCKET #
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C. V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards news release announcing signing of Memorandum of Cooperation for technical & operational nuclear power info exchange w/util. Agreement reported to Ofc of Intl Security Affairs of DOE, per 10CFR810.10.

DISTRIBUTION CODE: B001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	BWR EB		1	1		BWR EICSB		2	2
	BWR FOB		1	1		BWR PD3 LA		1	1
	BWR PD3 PD		1	1		HAUGHEY, M 01		2	2
	BWR PSB		1	1		BWR RSB		1	1
INTERNAL:	ACRS	41	6	6		ADM/LFMB		1	0
	ELD/HDS3		1	0		IE FILE		1	1
	IE/DEPER/EPB	36	1	1		IE/DGAVT/GAB	21	1	1
	NRR BWR ADTS		1	0		NRR PWR-B ADTS		1	0
	NRR ROE, M. L		1	1		NRR/DHFT/MTB		1	1
	REG FILE	04	1	1		RGN1		3	3
	RM/DBAMI/MIB		1	0					
EXTERNAL:	BNL (AMDTs ONLY)		1	1		DMB/DSS (AMDTs)		1	1
	LPDR	03	1	1		NRC PDR	02.	1	1
	NSIC	05	1	1		PNL GRUEL, R		1	1

September 11, 1986
(NMP2L 0870)

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Please be advised that Niagara Mohawk Power Corporation and Japan Atomic Power Company have signed a Memorandum of Cooperation for technical and operational nuclear power information exchange. We have reported this agreement to the Office of International Security Affairs of the U.S. Department of Energy, as required by 10CFR810.10 and are notifying you as a matter of information.

The agreement itself is very broad, but as the specific exchange activities develop, they are expected to focus on particular areas where operational improvements have been made and new technical developments have occurred. If you would like further details about this information exchange, please contact J. L. Benson on my staff.

Enclosed is a copy of our news release announcing the signing of the agreement with the Japan Atomic Power Company for your information.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

C. V. Mangan

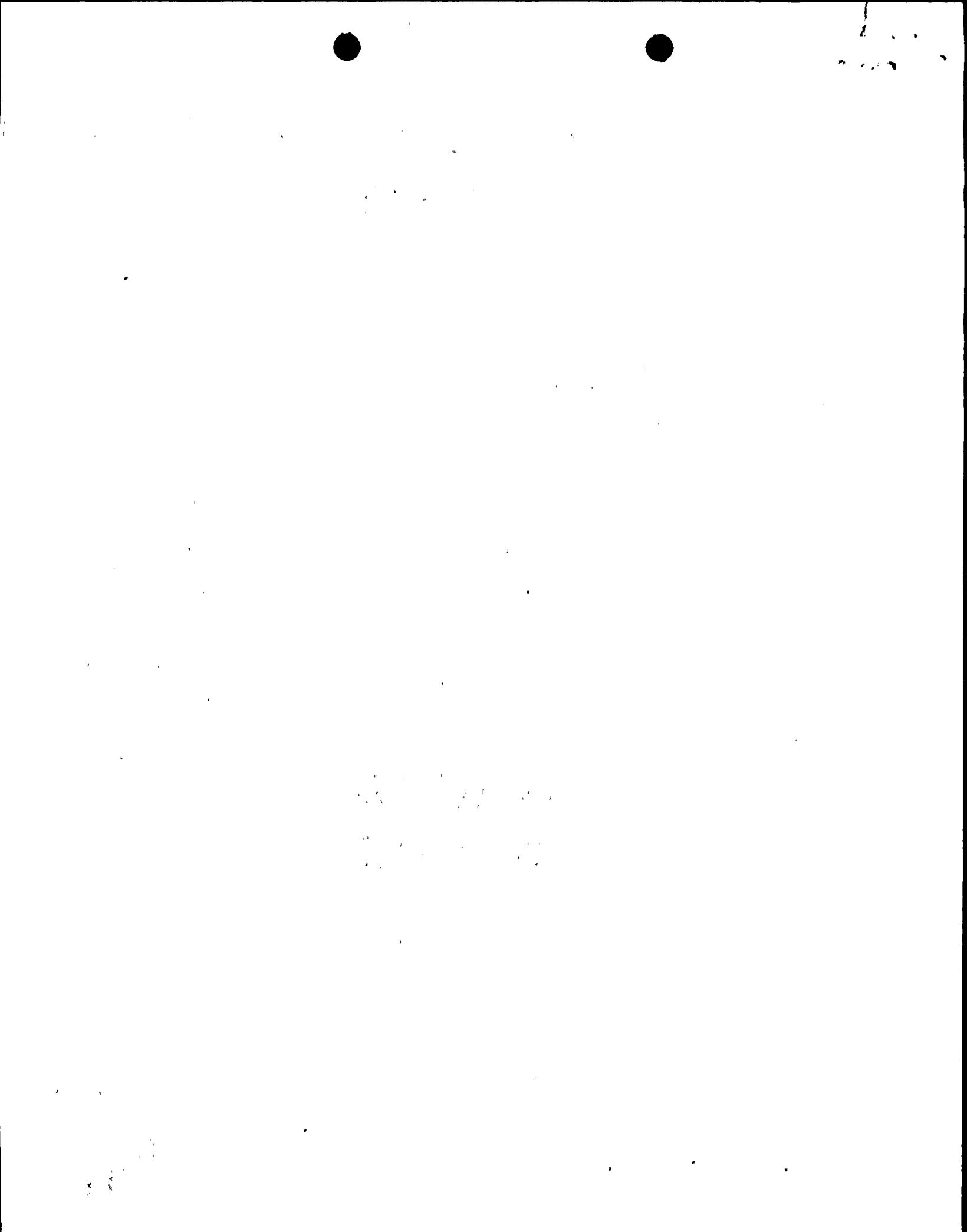
C. V. Mangan
Senior Vice President

RK:saa
0197b
Enclosure

xc: W. A. Cook, NRC Resident Inspector
Project File (2)

8609150229 860911
PDR ADOCK 05000410
A PDR

8001
11



NEWS

NIAGARA
MOHAWK

For release on or after July 10, 1986

from Niagara Mohawk Power Corporation
300 Erie Boulevard, W., Syracuse, NY 13202
Telephone (315) 474-1511

FOR MORE INFORMATION
CONTACT:
Debora Cienava (315)
428-6456

JAPAN ATOMIC AND NIAGARA MOHAWK SIGN INFORMATION EXCHANGE AGREEMENT

SYRACUSE--Niagara Mohawk Power Corp. and Japan Atomic Power Co. (JAPC) today signed a memorandum of cooperation to formally initiate a technical and operational nuclear power information exchange between the two companies.

The JAPC delegation, led by President Minoru Okabe, today concluded a two-day visit with NM President William J. Donlon and NM Nuclear Division management. The JAPC officials visited NM's corporate headquarters in Syracuse, Nine Mile Point Nuclear Training Center and Nine Mile Two Nuclear Unit Two.

"Today's agreement between Niagara Mohawk and Japan Atomic signifies the global nature of the nuclear power industry, and the benefits that can be gained from sharing experiences and developments," Donlon said.

JAPC has four operating nuclear units. Tsuruga-1 and Tokai-2 are boiling water reactors similar to the Nine Mile Point nuclear plants, while the others are a gas-cooled reactor and a pressurized water reactor which began initial service last May.

-more-

1. 1. 1.



Japan's nuclear power program is one of the most advanced in the world. Its operating records are excellent, functioning for years at the lowest rates of forced shutdowns without any safety-related incidents.

The U.S. nuclear industry has the largest operational data base in the world, and uses an extremely detailed approach to all issues and incidents.

"Much is to be gained on both sides by mutual discussion of our nuclear experience," Donlon said.

Today's agreement places NM and JAPC, two leading utilities in their respective countries, in the forefront of nuclear technical exchange.

#

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

September 10, 1986

Docket No. 50-410

Mr. C. V. Mangan, Senior Vice President
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Dear Mr. Mangan:

Subject: Response to July 16, 1986, Letter Concerning Comments
on the Nine Mile Point Unit 2 SER, SSER-1 and SSER-2

On July 16, 1986, you submitted a letter containing comments to the Nine Mile Point Unit 2 (NMP-2) SER (February 1985) and Supplements 1 and 2 (June and November 1985). In a letter dated September 3, 1986, we responded to a number of those comments. Enclosure 1 through 4 are the staff responses to the balance of these comments.

We have noted where the SER will be revised to reflect your comments. The staff has agreed to make changes even in the areas where the SER is correct but the comment may add clarification. In a number of places however, the references provided in your July 16, 1986, letter did not support the change you suggested or the comment is unclear. These are noted and require a response from Niagara Mohawk.

For some comments, the change is unacceptable and the issue is noted as an open issue which needs to be resolved.

Drafts of many of the enclosures were provided to Mr. Don Hill of your staff to assist Niagara Mohawk in providing responses to open or unclear items. The enclosed responses may have been revised since those drafts and it is therefore appropriate that you respond to the enclosures to this letter, not the drafts.

Sincerely,

/S/

Mary F. Haughey, Project Manager
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosures:
As stated

cc: See next page

M. Haughey
BWD-3:DBL
MHaughey/hmc
9/10/86

[Signature]
LA:BWD-3:DBL
EHylton
9/1/86

[Signature]
DWBWD-3:DBL
EAdensam
9/10/86

DISTRIBUTION:

Docket No. 50-410
NRC PDR
Local PDR
BWD-3 r/f
EAdensam
MHaughey
EHylton
RBernero
Attorney, OGC
JPartlow
EJordan
BGrimes
ACRS (10)

Mr. C. V. Mangan
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit 2

cc:

Mr. Troy B. Conner, Jr., Esq.
Conner & Wetterhahn
Suite 1050
1747 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Richard Goldsmith
Syracuse University
College of Law
E. I. White Hall Campus
Syracuse, New York 12223

Mr. Paul D. Eddy
New York State Public Service
Commission
Nine Mile Point Nuclear Station -
Unit II
P.O. Box 63
Lycoming, New York 13093

Ezra I. Bialik
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047

Resident Inspector
Nine Mile Point Nuclear Power Station
P. O. Box 99
Lycoming, New York 13093

Mr. John W. Keib, Esq.
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Mr. James Linville
U. S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Norman Rademacher, Licensing
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Don Hill
Niagara Mohawk Power Corporation
Suite 550
4520 East West Highway
Bethesda, Maryland 20814



ENCLOSURE 1

FOB RESPONSE TO NINE MILE POINT, UNIT 2

LICENSEE COMMENTS ON SER AND SSER NOS. 1 AND 2

SECTION I

12. SER, page 13-35, fifth paragraph - It indicates that "in addition because an NSSS vendor representative is a member of the joint test group that reviews operating and testing procedures the staff does not consider an additional NSSS review of low power and power ascension necessary." Remove the words "is a member of the joint test group." The joint test group reviews preoperational tests. A NSSS representative does review startup procedures.

No SER change is required, because FSAR, pages 14.2-11 and 12 (Amendment 22) states that the GE Site Operations Manager is the GE representative on the Joint Test Group. This group reviews low-power and power-ascension testing procedures.

SECTION II

137. Page 13-3, second paragraph - Supervisory staff of 15 should be 12 permanent supervisors and additional supervisors as required. Ref. FSAR Figure 13.1-7 (AMD 2)

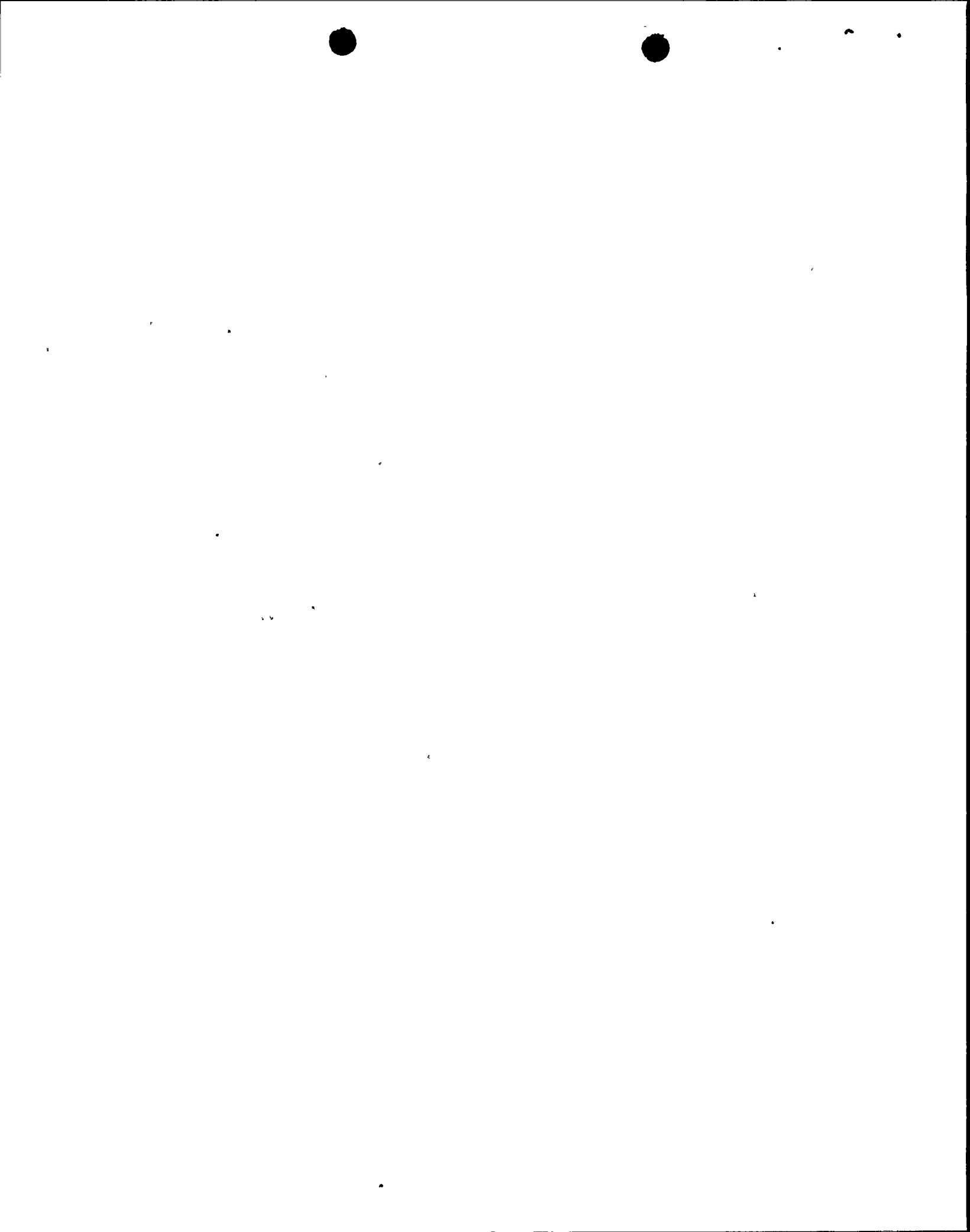
No SER change is required. The SER statement on page 13-3, "The Superintendent Chemistry and Radiation Management appears to have a supervisory staff of 15 to direct the functions of the groups identified in Figure 13.7," is consistent with FSAR Figure 13.1-9. Figure 13.1-9 shows 15 positions reporting to the Superintendent Chemistry and Radiation Management, all of which have lower positions reporting to them. Therefore, the 15 positions are supervisory.

139. SER page 13-32 - Add item (8) - Emergency Plan. See FSAR page 13.2-6 (AMD 22).

No SER change is required. The 7-item list on SER pages 13-31 and 13-32 was not intended to be all-inclusive. Therefore, item 8, proposed by the applicant, need not be added.

140. SER page 14-2 - Delete first sentence. It is redundant.

The sentence is similar, but is not redundant. The first sentence pertains to initial fuel loading, while the second sentence pertains to initial criticality. These are two distinctly different operations.



154. SER page 13-29, fifth paragraph indicates that it is acceptable for the Station Shift Supervisor to be in the control room when he is located in a glass Shift Supervisor's office, the kitchen interior of the duplex panels or lavatory. It should read, "within aural and visual contact." See FSAR page 1.10-10 (AMD 17).

No SER change is required. The open item was resolved, as reported on page 13-2 of SSER No. 1.

155. SER page 13-43 - Remove footnote 1. See revised FSAR Figure 13.1-5 (AMD 22).

We do not see a need to remove footnote 1 from SER Figure 13.4 because that footnote merely states that the title of Station Superintendent becomes that at commercial operation; until then, the title is Superintendent Production.



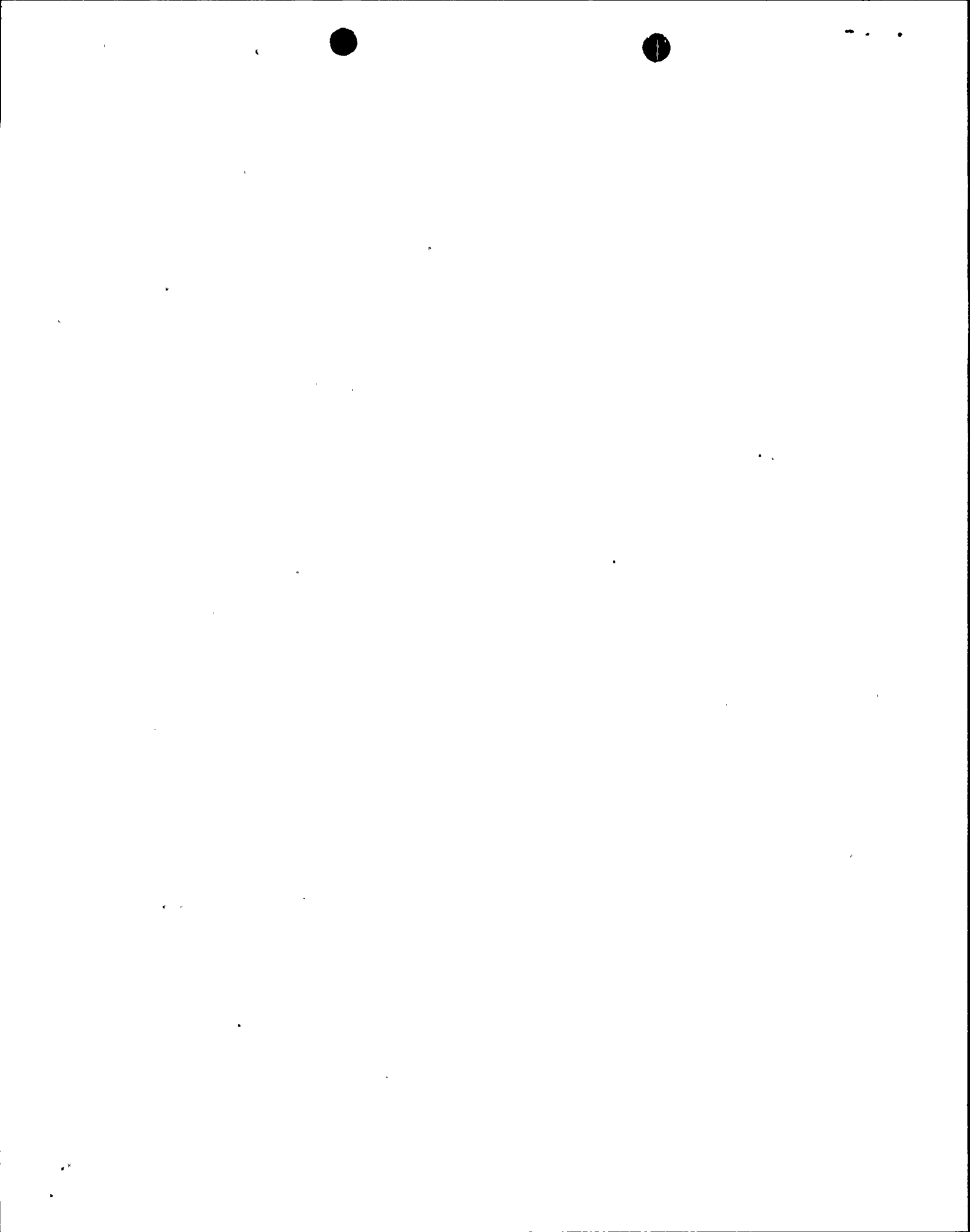
ENCLOSURE 2

STAFF RESPONSES TO NIAGARA MOHAWK POWER CORPORATION

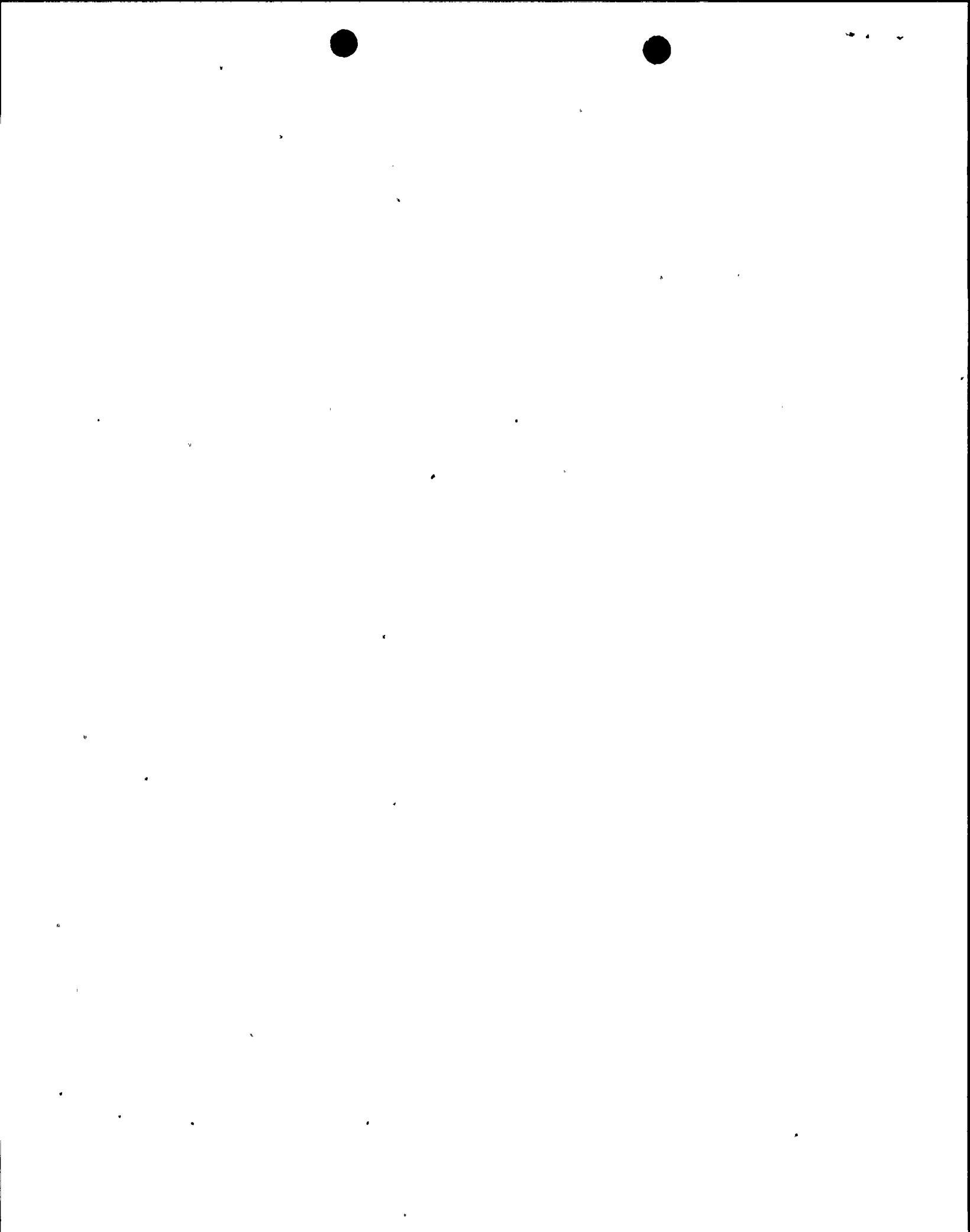
COMMENTS ON THE NINE MILE POINT UNIT 2 SER AND SUPPLEMENTS 1 AND 2

Section II

- 1 - Accepted. SER will be revised.
- 2 - Accepted. SER will be revised.
- 4 - Accepted. SER will be revised.
- 5 - Accepted. SER will be revised.
- 15 - Open issue, justification needs to be provided
- 58 - Accepted. SER will be revised.
- 59 - Accepted. SER will be revised.
- 87 - Not accepted. High density storage racks are racks which contain boron poison which is described in the last paragraph in SER page 9-3.
- 92 - Accepted. SER will be revised.
- 93 - Accepted. SER will be revised.
- 102 - Rejected. FSAR page 9.4-2a referenced in this comment indicates that "outdoor air is supplied to the control building through four 100% capacity, missile and tornado protected, air intakes." This is contrary to applicant's comment which states the SER should be changed from 4 to 2. This is an open item.
- 103 - All accepted except for initiation signal for HVAC operation. An open item is initiation signals for the reactor building and spent fuel pool area HVAC system because the applicant indicates it will only operate following a LOCA, and not also for a fuel handling accident. This item requires resolution.
- 104 - Accepted. SER will be revised.
- 105 - Accepted. SER will be revised.
- 112 - Accepted. SER will be revised.
- 113 - Accepted first change, on reference to Section 9.5.5 which was corrected to Section 9.5.6. Procedures for alternate filling of the fuel oil storage tanks by pumping the oil into the day tank drain line to fill the below ground storage tank have been reviewed by Region I and will be discussed in an SER Supplement.



- 115 - Accepted. SER will be revised.
- 116 - Accepted. SER will be revised.
- 117 - Accepted. SER will be revised.
- 119 - Accepted. SER will be revised.
- 120 - Rejected. In Amendment 18 to the FSAR the applicant identified penetrations and doors that are potential flood paths to Safety related equipment following a potential rupture of the Circulating Water System. The applicant is depending on the water tight characteristics of these doors and penetrations to prevent flood damage to safety related equipment. In order for these doors and penetrations to be acceptable water seals, it is our position that the applicant provide alarms and administrative controls to assure that the doors are closed and periodic testing of the seals on the doors and penetrations is undertaken to assure their water tight integrity. This is an open item.
- 121 - The applicant indicated a change in feedwater valve type and refers to FSAR Figure 10.1-63 (Amd. 26). This figure does not exist. Clarification of comment was requested from applicant on August 25, 1986. The response was received on August 28, 1986. However, information was inadequate to resolve comment. This is an open item, since it is not clear whether the feedwater system can produce unanalyzed transients.
- 142 - Accepted. SER will be revised.
- 147 - Rejected. FSAR amendment 26 was issued after SSER-1 was published. This amount of unqualified paint was revised by applicant's letter dated July 16, 1986. An SSER will address this latest submittal.



ENCLOSURE 3

Section II, item 17

The reference to the inservice inspection and testing program for the turbine overspeed protection system will be updated in the SER.

Section I, item 9

Section 10.3.6 of the SER will be revised.



2 . .

ENCLOSURE 4

Section II, item 151

SER page 13.7, second dot

"normal, abnormal, and emergency (special operating procedures)"
agrees with FSAR page 13-8a (Amd 11). Therefore the SER will not be revised without further justification and a revision to the FSAR.

