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 AUTH. NAME AUTHOR AFFILIATION  
 MANGAN, C. V. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards marked-up FSAR Pages 9A. 3-23 & Figures 9A. 3-4,  
 9A. 3-5 & 9A. 3-6. Change on Page 9A. 3-23 deletes ref to HPCS  
 room & 600-volt switchgear room. Changes will be incorporated  
 in future FSAR update.

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|           | HAUGHEY, M      |    | 1      | 1    | BWR PSB          |              | 1 | 1      |      |
| INTERNAL: | ACRS            | 11 | 3      | 3    | ADM/LFMB         |              | 1 | 0      |      |
|           | ELD/HDS3        |    | 1      | 0    | IE WHITNEY, L    |              | 1 | 1      |      |
|           | NRR STANG, J    | 07 | 2      | 2    | NRR WERMEIL, JO6 |              | 1 | 0      |      |
|           | <u>REG FILE</u> | 04 | 1      | 1    | RGN1             |              | 1 | 1      |      |
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|           | NSIC            | 05 | 1      | 1    |                  |              |   |        |      |

IN RE: THE ESTATE OF JAMES EARL RAY, DECEASED.  
Case No. 73-10000  
Filed: 10/10/73  
Judge: [Name]

James Earl Ray, deceased, was born on [Date] at [Location]. He was the husband of [Name], deceased. He is survived by [Name], his only child, who is the executrix of his estate.

The executrix has filed a petition for the appointment of a guardian of the estate of the decedent. The court has jurisdiction over the matter.

| NAME           | ADDRESS        | CITY    | STATE | ZIP   |
|----------------|----------------|---------|-------|-------|
| JAMES EARL RAY | 1234 Main St   | Memphis | TN    | 38101 |
| JAMES EARL RAY | 5678 Elm St    | Memphis | TN    | 38102 |
| JAMES EARL RAY | 9010 Oak St    | Memphis | TN    | 38103 |
| JAMES EARL RAY | 3456 Pine St   | Memphis | TN    | 38104 |
| JAMES EARL RAY | 7890 Cedar St  | Memphis | TN    | 38105 |
| JAMES EARL RAY | 2345 Birch St  | Memphis | TN    | 38106 |
| JAMES EARL RAY | 6789 Spruce St | Memphis | TN    | 38107 |
| JAMES EARL RAY | 1011 Fir St    | Memphis | TN    | 38108 |
| JAMES EARL RAY | 4321 Willow St | Memphis | TN    | 38109 |
| JAMES EARL RAY | 8543 Ash St    | Memphis | TN    | 38110 |

October 22, 1986  
(NMP2L 0922)

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

Enclosed are marked-up changes to the Nine Mile Point Unit 2 Final Safety Analysis Report for Page 9A.3-23, Figures 9A.3-4, 9A.3-5 and 9A.3-6.

The change on Page 9A.3-23 deletes the reference to the HPCS room and 600-volt switchgear room to be consistent with Table 9A.3-1 (page 2 and 3 of 4). Table 9A.3-1 shows that the HPCS and 600-volt switchgear rooms both have an average fire loading of less than one hour. This change was requested by the Nuclear Regulatory Commission reviewer in a telecom discussion on October 20, 1986.

The changes on Figures 9A.3-4, 9A.3-5 and 9A.3-6 reflect our Safety Evaluation Report Supplement 4, Pages 9-12, 9-13 and 9-14, comments as discussed in recent letter NMP2L 0919, and as discussed with the Nuclear Regulatory Staff on October 21, 1986.

These changes will be included in a subsequent Final Safety Analysis Report update.

Very truly yours,

*C. V. Mangano*  
C. V. Mangano  
Senior Vice President

LSL/pns  
2153G  
Enclosure

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

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PDR ADOCK 05000410  
A PDR

A006  
1/1



UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
Niagara Mohawk Power Corporation )  
(Nine Mile Point Unit 2) )

Docket No. 50-410

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Senior Vice President of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

C. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 22<sup>nd</sup> day of October, 1986.

Christine Austin  
Notary Public in and for  
Onondaga County, New York

My Commission expires:  
CHRISTINE AUSTIN  
Notary Public in the State of New York  
Qualified in Onondaga Co. No. 4787687  
My Commission Expires March 30, 1987

CHRISTINE JUSTIN  
Notary Public in the State of New York  
Qualified in Onondaga Co. No. 4787831  
My Commission Expires March 30, 1922

## Nine Mile Point Unit 2 FSAR

Drains are discussed in Section 9A.3.5.1.12. Smoke removal is provided by normal ventilation and portable smoke removal units.

### 9A.3.1.2.5.10 Reactor Building

#### Introduction

Due to the presence of floor openings, the entire reactor building is considered a single fire area. Each floor elevation is considered a separate fire zone and each half of the building is considered as a fire subarea. The analysis of the contained hazards indicates that the average fire loading for each zone, with the exception of the HPCS room and 600-V switchgear room is less than 1 hr. A 20-ft-wide zone is provided between the north and south halves on the 0- to 180-deg line.

The 20-ft zone consists of two adjacent 10-ft zones with detection and automatic suppression systems.

To reduce the potential for the vertical spread of fire along cable tray risers, penetration seals are provided for cable tray risers. Refer to Figures 9A.3-2 through 9A.3-8 for the actual configuration of the fire stops.

Elevation 353 ft 10 in is a nonrated barrier which separates fire subareas FSA 34 and FSA 35. There is no fire loading or safe shutdown equipment located on elevation 353 ft 10 in; therefore, safe shutdown capability is not affected.

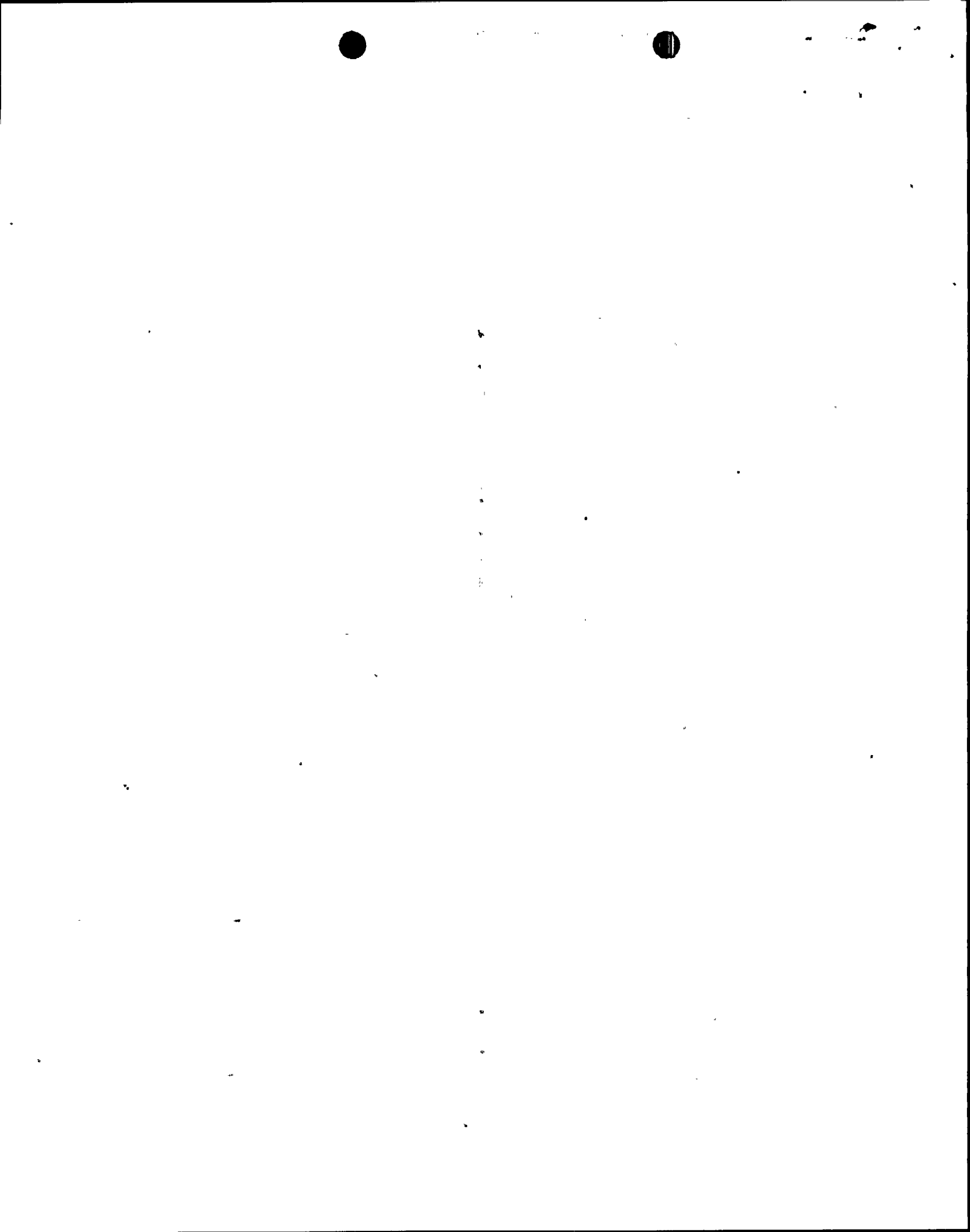
The reactor building has a ventilation system utilizing 100 percent outside air for normal operation. This system will remove smoke in the event of a fire, as long as radiation levels remain below acceptable levels.

The primary containment is also considered one fire area. However, due to the low fire loading, primary containment inerting, and lack of continuity of combustibles, a fire that would spread from one hazard to another is not postulated.

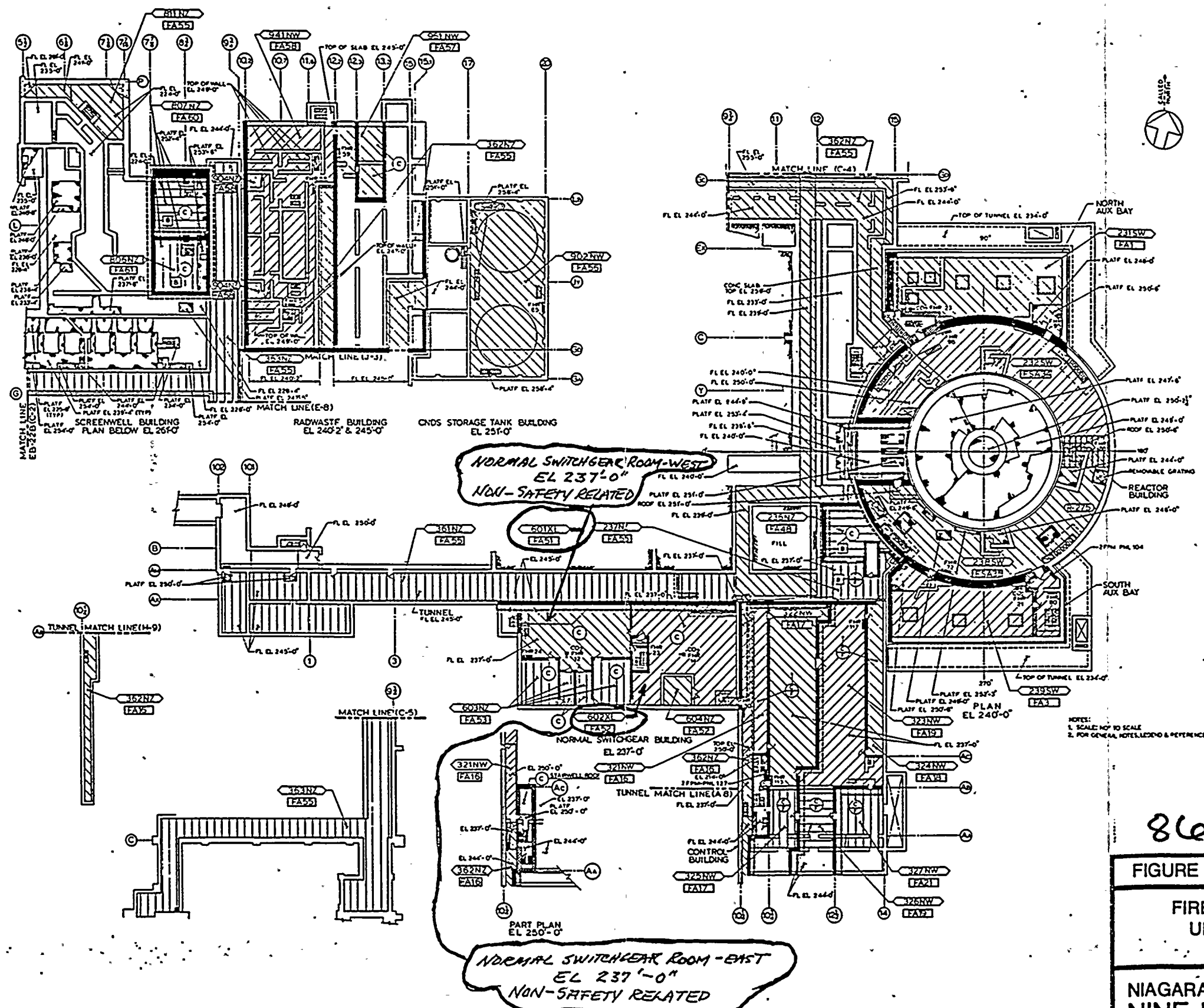
#### Safety-Related and Reactor-Associated Systems

The following table includes both safety-related and reactor-associated systems and gives their locations in the reactor building.

~~DELETE~~







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FIGURE 9A.3-4

FIRE PROTECTION ARRANGEMENT  
 UNIT NO.2 STATION BUILDINGS  
 PLAN EL 237'-0" & 240'-0"

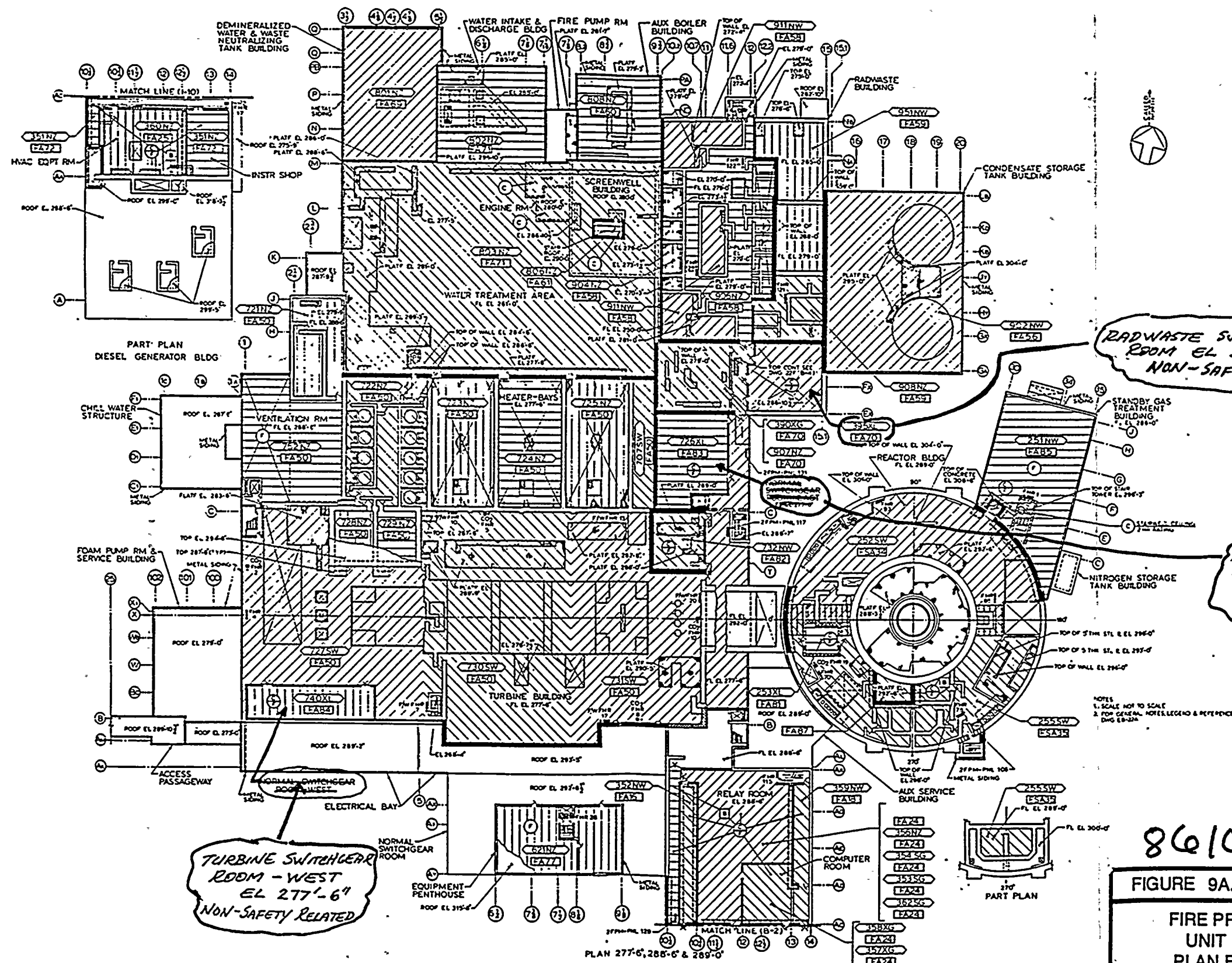
NIAGARA MOHAWK POWER CORPORATION  
 NINE MILE POINT-UNIT 2  
 FINAL SAFETY ANALYSIS REPORT

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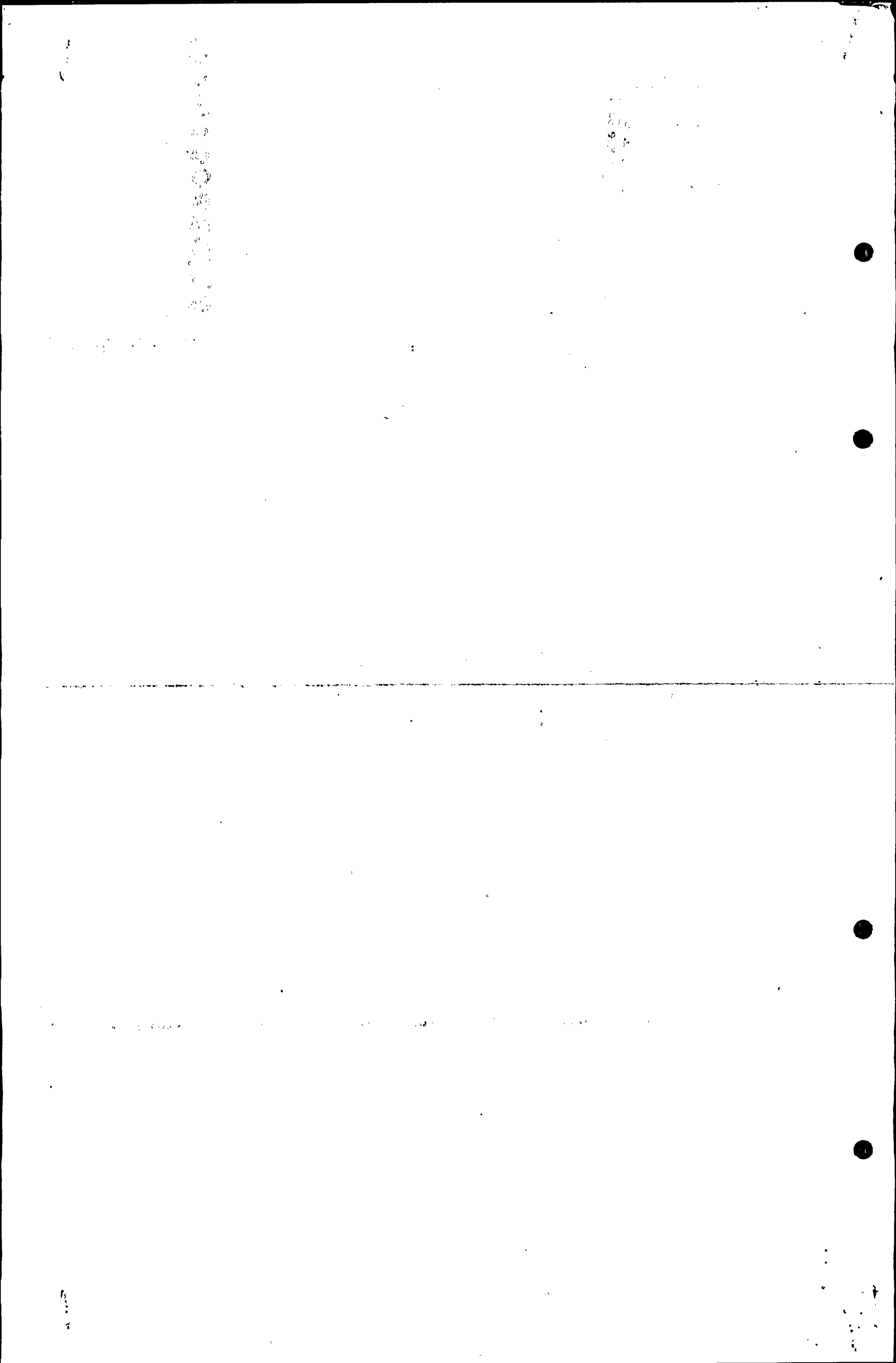
RADWASTE SWITCHGEAR  
ROOM EL 279'-0  
NON-SAFETY RELATED

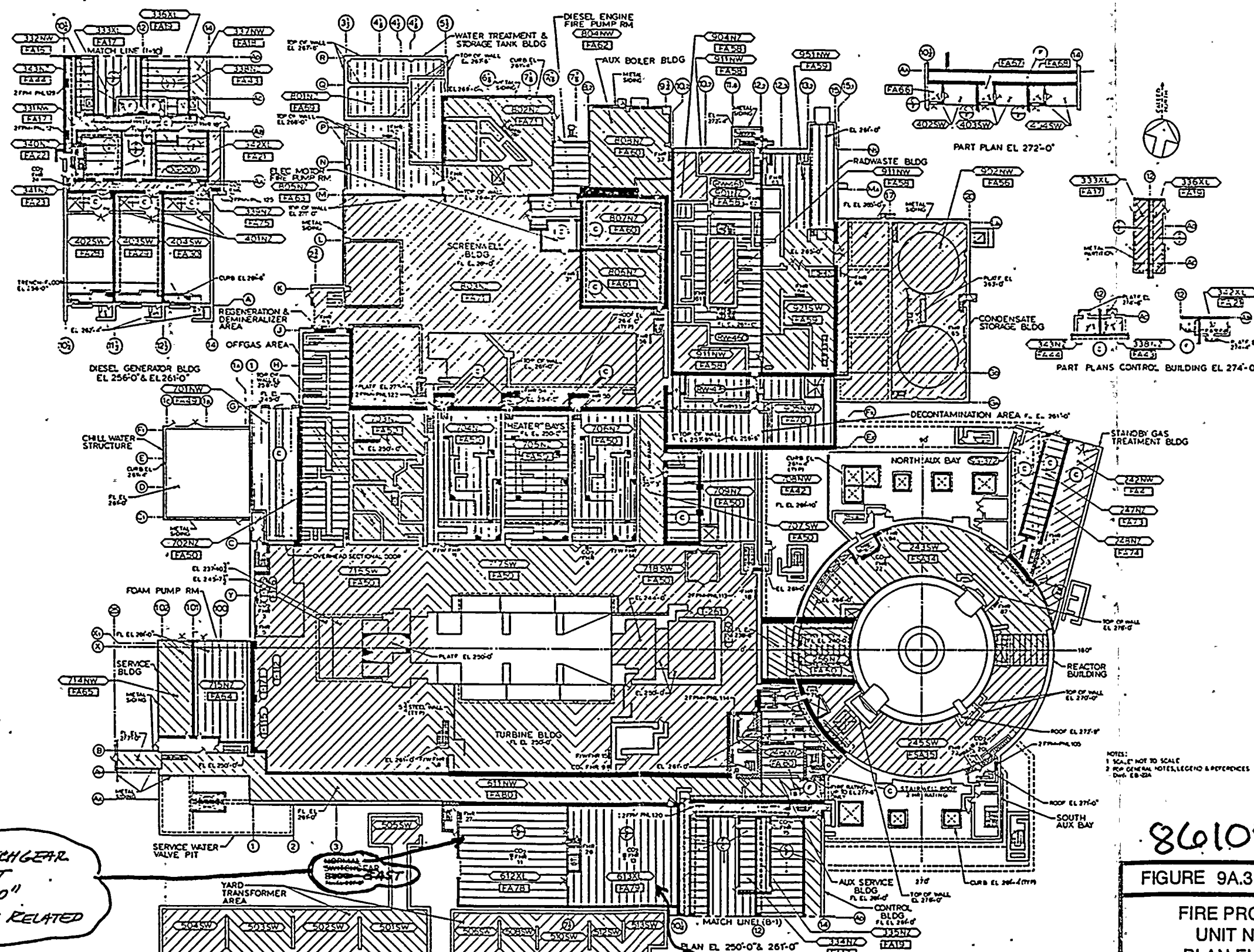
TURBINE SWITCHGEAR  
ROOM - EAST  
FL EL 277'-6"  
NON-SAFETY RELATED

TURBINE SWITCHGEAR  
ROOM - WEST  
EL 277'-6"  
NON-SAFETY RELATED

8610280221-02

FIGURE 9A.3-6  
FIRE PROTECTION ARRANGEMENT  
UNIT NO.2 STATION BUILDINGS  
PLAN EL 277'-6", 288'-6" & 289'-0"  
NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT-UNIT 2  
FINAL SAFETY ANALYSIS REPORT





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NOTES:  
1 SCALE NOT TO SCALE  
2 FOR GENERAL NOTES, LEGEND & REFERENCES  
DRAW. EB-224

*NORMAL SWITCHGEAR  
ROOM - EAST  
FL EL 261'-0"  
NON-SAFETY RELATED*

*NORMAL SWITCHGEAR ROOM - WEST  
FL EL 261'-0"  
NON-SAFETY RELATED*

8610280221-03

FIGURE 9A.3-5  
FIRE PROTECTION ARRANGEMENT  
UNIT NO.2 STATION BUILDINGS  
PLAN EL 250'-0", 261'-0" & 274'-0"  
NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT-UNIT 2  
FINAL SAFETY ANALYSIS REPORT

