

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE

RFB
JAN 19 1976

KING OF PRUSSIA, PENNSYLVANIA 19406
FM TRANSMITTED HEREWITH
CONTAIN 10 CFR 2.790 INFORMATION.

Niagara Mohawk Power Corporation
Attention: Mr. R. R. Schneider
Vice President
Electric Operations
300 Erie Boulevard West
Syracuse, New York 13202

License No. DPR-63
Inspection No. 75-32
Docket No. 50-220

Gentlemen:

This refers to the inspection conducted by Mr. E. Woltner of this office on December 17-18, 1975 at the Nine Mile Point Nuclear Power Station, Scriba, New York of activities authorized by NRC License No. DPR-63 and to the discussions of our findings held by Mr. Woltner with Messrs. Lempges and Perkins of your staff at the conclusion of the inspection.

The area examined during this inspection was limited to the program for the control of special nuclear material. Within this area, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

Based on the results of this inspection, it appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. This item of noncompliance has been categorized into the levels as described in our correspondence to you dated December 31, 1974. This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you and the results achieved; (2) corrective steps which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved.

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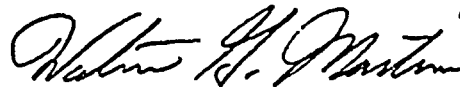
JAN 19 1976

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In accordance with Section 2.790(d) of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, documentation of findings of your control and accounting procedures for safeguarding special nuclear materials and your facility security procedures are exempt from disclosure; therefore, the enclosures to this letter, the inspection report, and your response to this letter will not be placed in the Public Document Room and will receive limited distribution.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



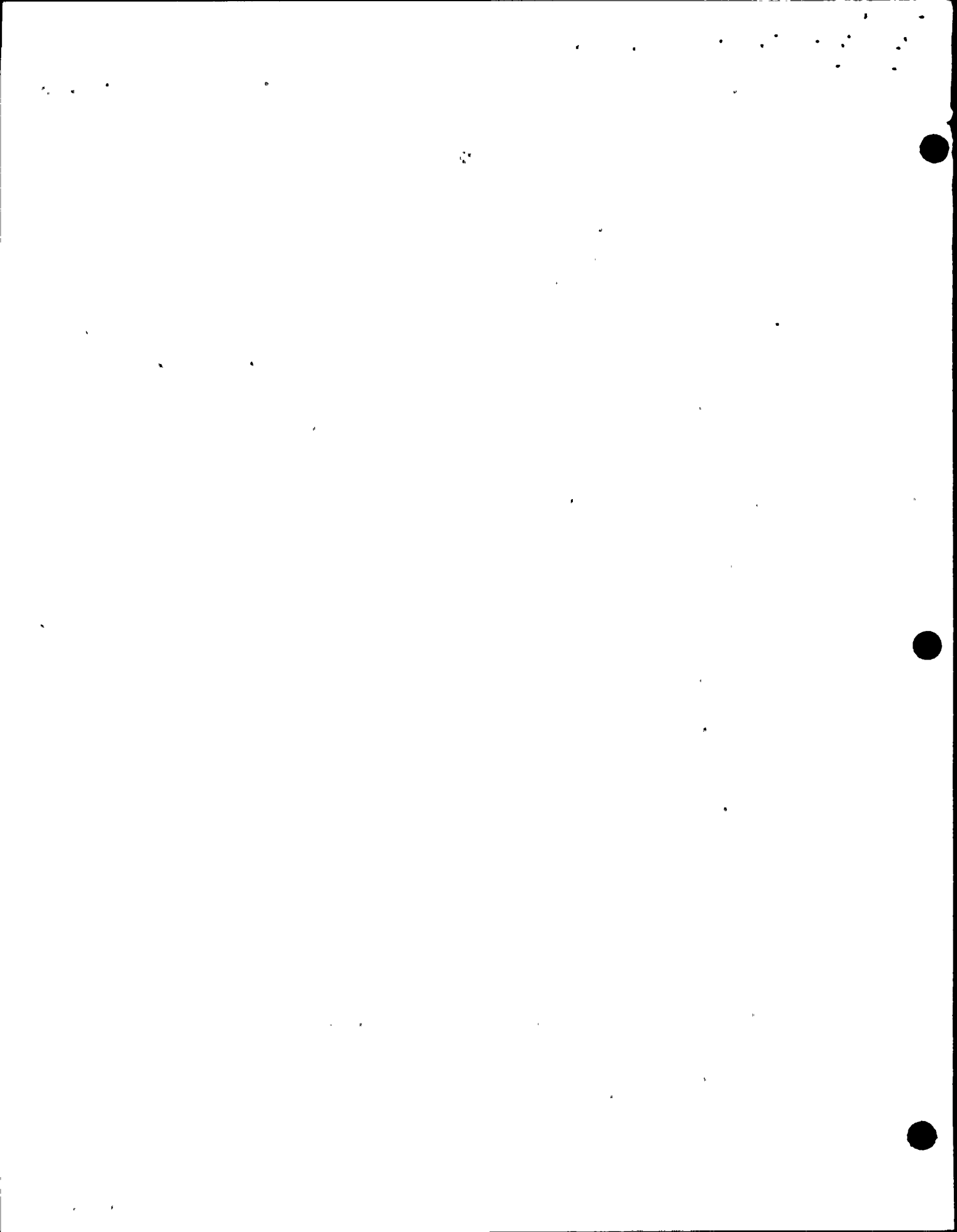
Walter G. Martin, Chief
Safeguards Branch

Enclosure:
Appendix A, Notice of Violation

cc: P. A. Burt, General Superintendent, Nuclear Generation
T. J. Perkins, Plant Superintendent
C. L. Stuart, Operations Supervisor
E. B. Thomas, Jr., Attorney
A. Z. Roisman (Without Report)

bcc:
IE Mail & Files (For Appropriate Distribution)
PDR w/o copy of enclosure & report)
Local PDR (w/o copy of enclosure & report)
NSIC (w/o copy of enclosure & report)
TIC (w/o copy of enclosure & report)
REG:I Reading Room (w/o copy of enclosure & report)
State of New York (w/o copy of enclosure & report)

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APPENDIX A

NOTICE OF VIOLATION

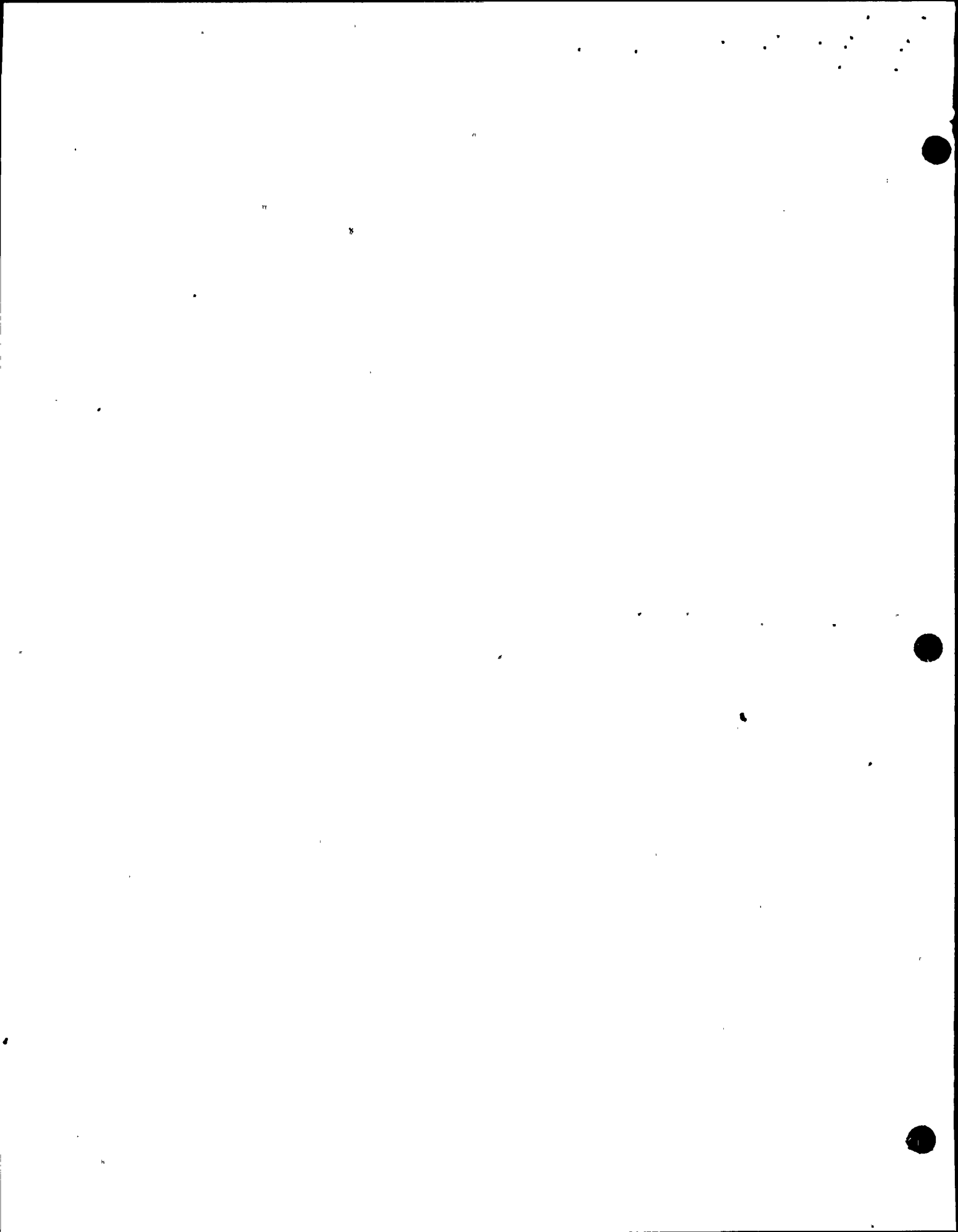
Niagara Mohawk Power Corporation

Based on the results of an NRC inspection conducted on December 17-18, 1975 it appears that certain of your activities were not conducted in full compliance with conditions of your NRC License DPR-63 as indicated below:

- A. Contrary to 10 CFR 70.51(c), the licensee has not established, maintained, and followed written material control and accounting procedures which are sufficient to enable the licensee to account for the special nuclear material in his possession under license.

This is an infraction.

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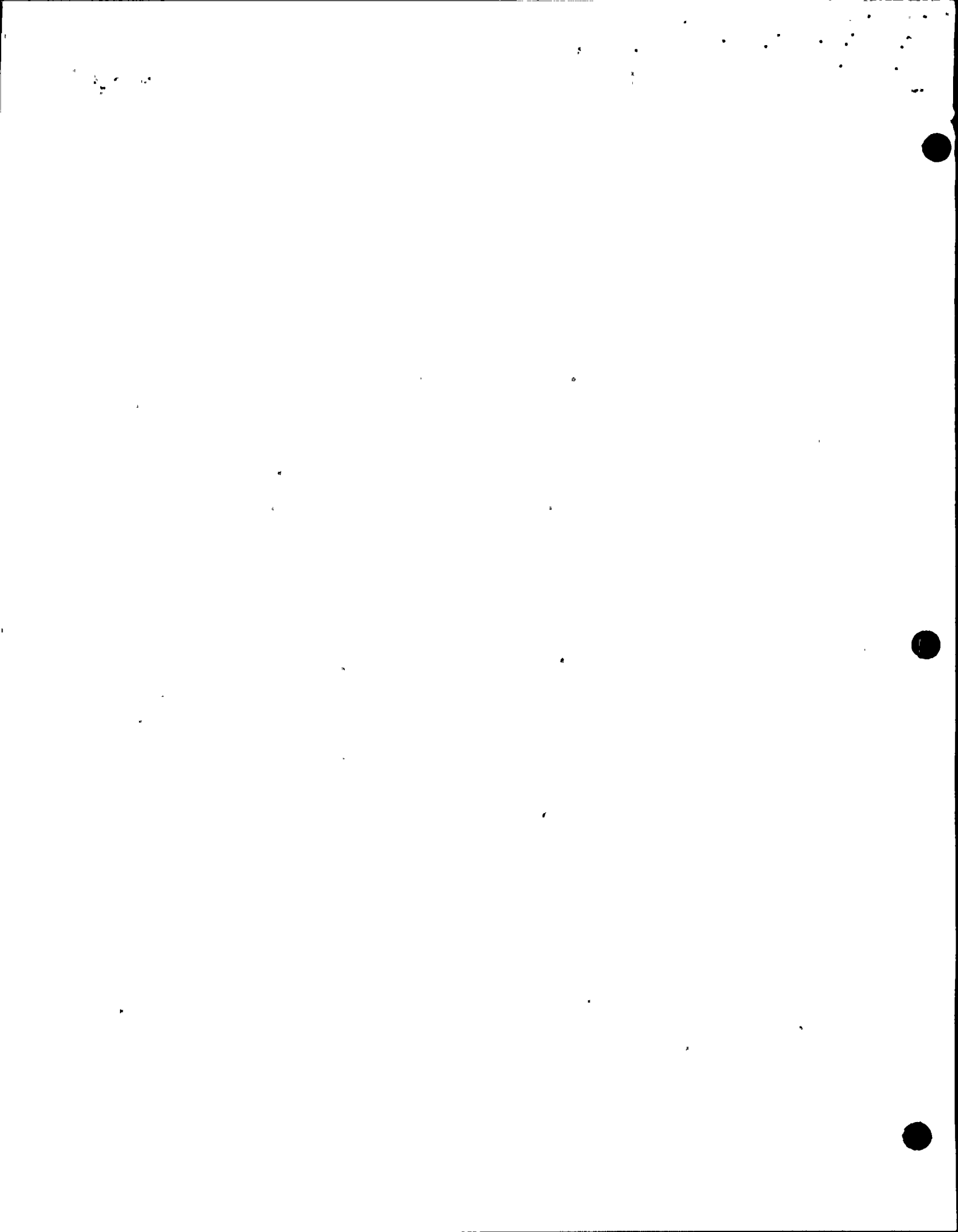
U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
REGION I

IE Inspection Report No.: 75-32 DOCKET NO: 50-220
Licensee: Niagara Mohawk Power Corporation License No: DPR-63
Nine Mile Point Power Station Priority: --
Category: C
Safeguards Group: 4
Location: Scriba, New York
Type of Licensee: BWR Power Reactor
Type of Inspection: Safeguards, Unannounced
Dates of Inspection: December 17-18, 1975
Reporting Inspector: E. L. Woltner 1-16-76
E. Woltner, Auditor DATE
Accompanying Inspectors: None DATE
DATE
DATE
DATE
Other Accompanying Personnel: None DATE
Reviewed By: J. G. Partlow 1/16/76
DATE
J. G. Partlow, Acting Section Leader
Material Control and Accounting Section

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SUMMARY OF FINDINGS

Enforcement Action

A. Items of Noncompliance

1. Violations

None

2. Infractions

Failure by licensee to establish, maintain, and follow written material control and accounting procedures which are sufficient to enable the licensee to account for the special nuclear material in his possession as defined by 10 CFR 70.51(c). (Details, Paragraph 4.g)

3. Deficiencies

None

B. Deviations

None

Licensee Action on Previously Identified Enforcement Items

No outstanding items.

Design Changes

None

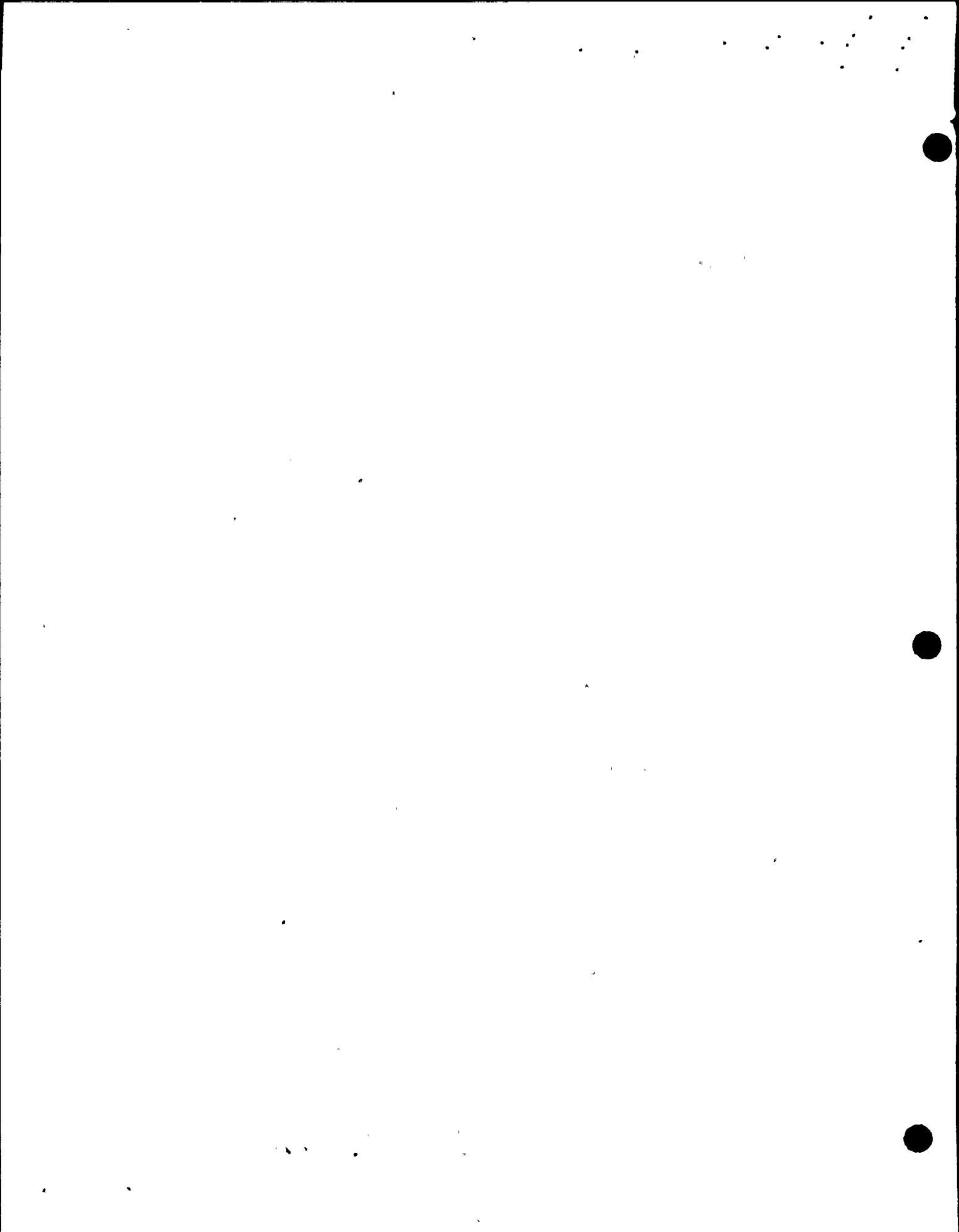
Unusual Occurrences

None

Other Significant Findings

A. Current Findings

None



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B. Status of Previously Reported Unresolved Items

Not applicable.

Management Interview

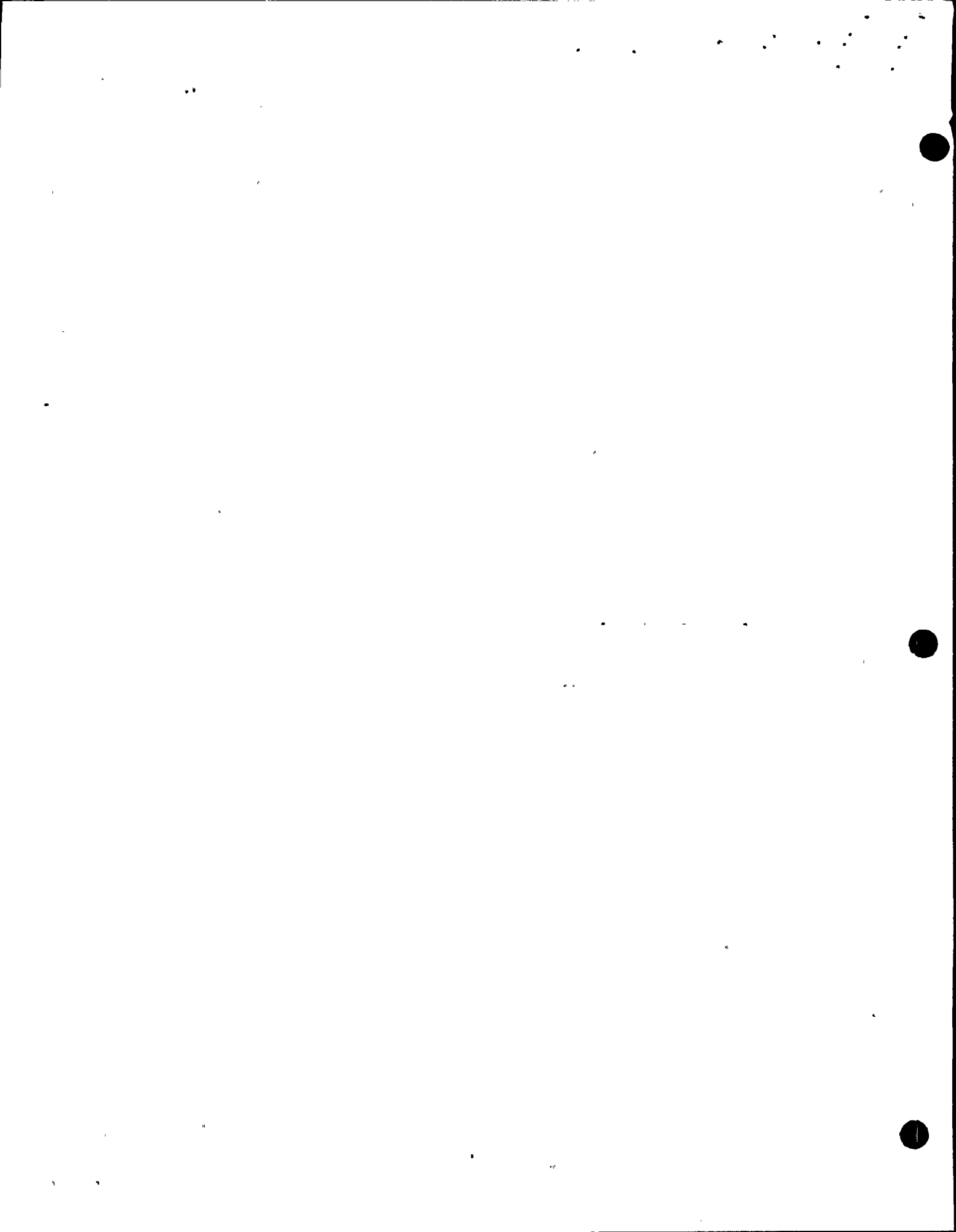
A management interview was held December 18, 1975 and the following people were present:

T. E. Lempges, General Superintendent, Nuclear Generation
T. J. Perkins, Station Superintendent
T. J. Dente, Reactor Analyst Supervisor
E. F. Woltner, NRC Inspector

The licensee was informed of the scope of the inspection and that there was one item of noncompliance as a result of this inspection.

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DETAILS

1. Persons Contacted

T. J. Dente, Reactor Analyst Supervisor
A. DiMento, Technician
R. Tessier, Technician

2. Organization

Not applicable.

3. Scope

The inspection consisted of a review of the control of special nuclear material in accordance with procedure no. 85100 inspection guidance as follows:

Facility Organization and Operation
Measurement and Controls
Shipping and Receiving
Storage and Internal Control
Inventory
Records and Reports
Management of Material Control System

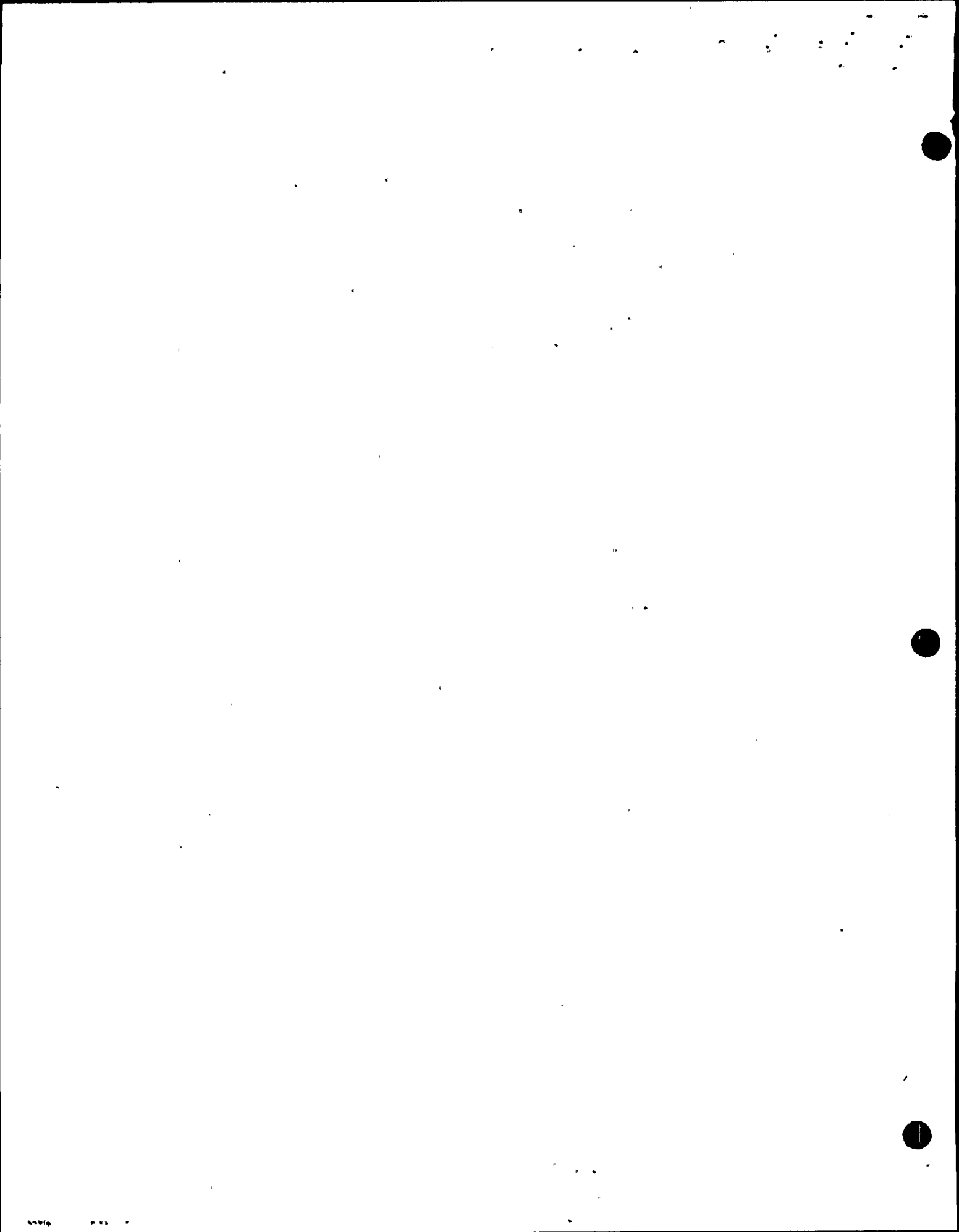
The inspection period covered July 1, 1972 through November 30, 1975.

4. Discussion of Findings

a. Facility Organization and Controls

Nine Mile Point has an overall organizational structure format which provides for those positions having responsibilities for SNM functions.

The licensee is authorized to possess 3,800 kilograms U-235 enriched uranium and possession and use of special nuclear material has been confined to the locations and purposes authorized in the license as required by 10 CFR 70.41. The activity for the period covered by this inspection is shown on Exhibits A and B of this report.



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b. Measurement and Controls

The licensee is utilizing a computer program for computation of thermal output and nuclear material production and depletion.

These results are reviewed monthly and the data is utilized on the semi-annual material status reports. A review of the material status amounts were in agreement with the calculated data.

c. Shipping and Receiving

Receipt of material is promptly confirmed by piece count and by verification of component serial numbers with those of the shipper's documents. An SS Material Record Form or Computerized Nuclear Fuel Information System Data controls movement of material received by Nine Mile Point.

There were no shipments during the period covered by this inspection.

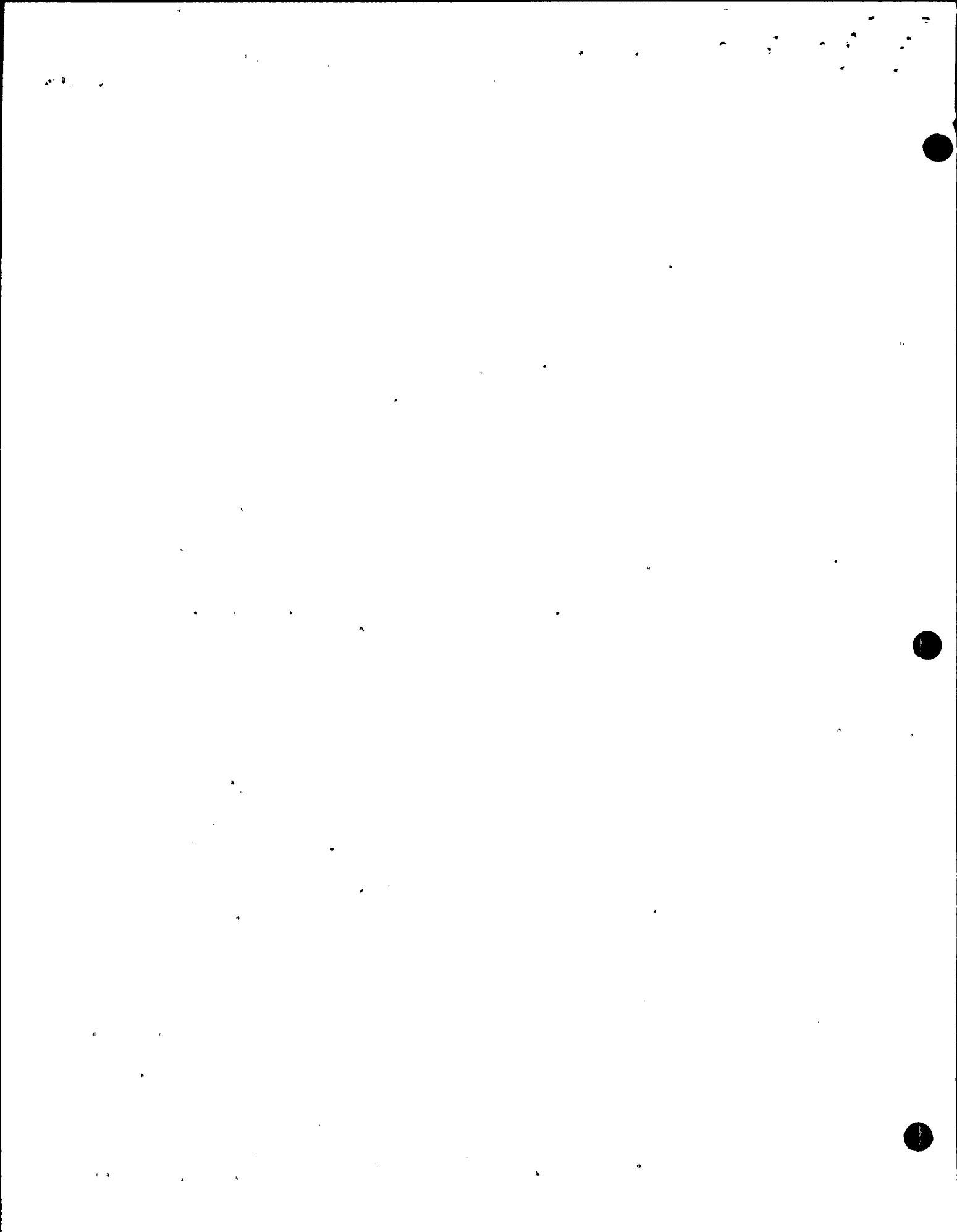
d. Storage and Internal Controls

The licensee has established a computerized Nuclear Fuel Information System Data (NFIS). This system provides for current information of the quantity, identity and location of all SNM within the facility. Any movement of material is recorded and a location history retained.

e. Inventory

The licensee's inventory record consist of core schematic diagrams and storage pool schematics. The inventory verification consisted of piece count of the fuel in the storage pool and a comparison with the schematic plan for the location of each assembly. Individual serial numbers could not be read but the total fuel bundle number was reconciled as follows:

Beginning balance 7/1/72	628 bundles
Receipts thru December 17, 1975	<u>404</u>
Total to account for	<u><u>1032</u></u>



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Nine Mile Point Records

Reactor	532
Spent Fuel Pool	<u>500</u>
Total accounted for	<u>1032</u>

The licensee performed a physical inventory during October 1975 and the piece count agreed to site records.

f. Records and Reports

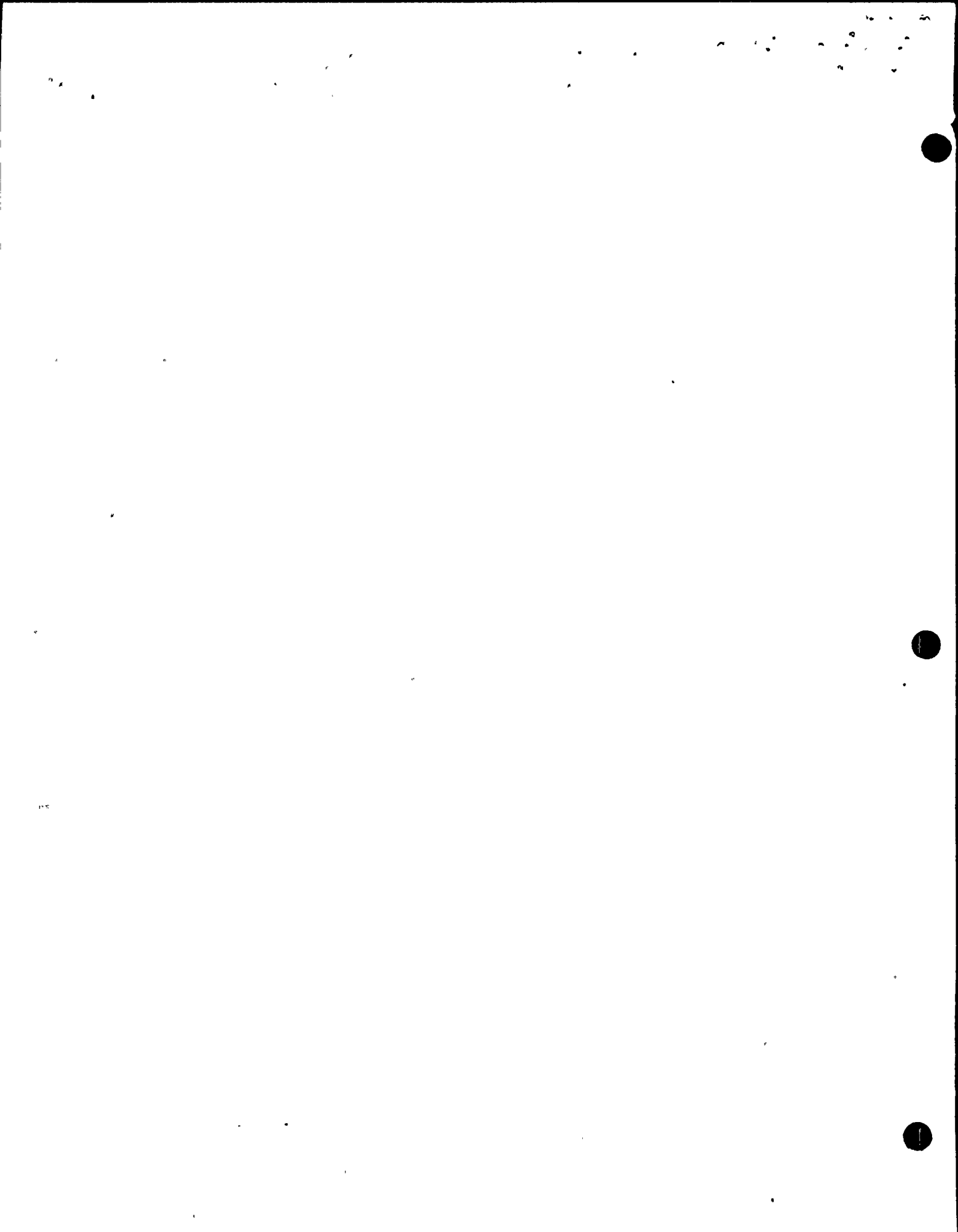
The licensee maintains copies of transfer documents as the primary records of external activity and a summary is prepared for the semi-annual material status reports. The licensee's Syracuse office also maintains a computerized program (NFIS) which provides various information for material control.

A document review of NRC-741 and 742's was conducted for the period of July 1, 1972 through November 30, 1975. All documents were checked for corrective and timely submission and found to be generally acceptable. Minor errors were noted on material status reports that required correction due to lack of sufficient procedures.

g. Management of Material Control System

The licensee has not maintained a current material control and accounting procedure as required by 10 CFR 70.51(c).

Items requiring updating to improve control include, but not limited to, are: physical inventory procedures; recording and reconciliation between manual and computer balances; and system review and audit procedures.

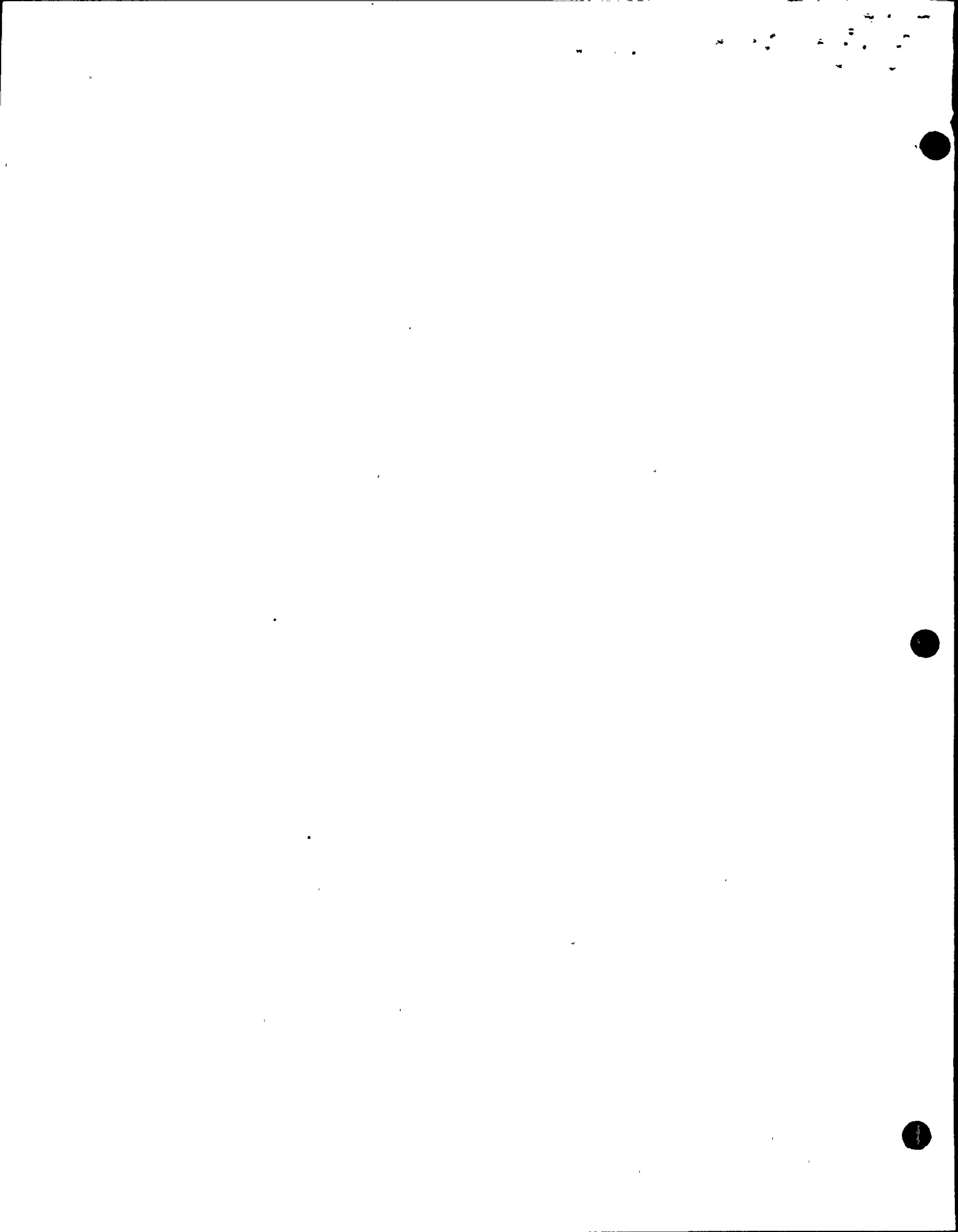


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EXHIBIT A

MATERIAL BALANCE STATEMENT Privately Owned Enriched Uranium June 30, 1975

	<u>U</u>	<u>Grams</u> <u>U-235</u>
Beginning Inventory-6/30/72	5120666330	1917039
Receipts	557747373	1462995
Shipments	-0-	-0-
Burn-up	<u>22133384</u>	<u>1035865</u>
Ending Inventory 6/30/75	<u>5176280319</u>	<u>2344169</u>

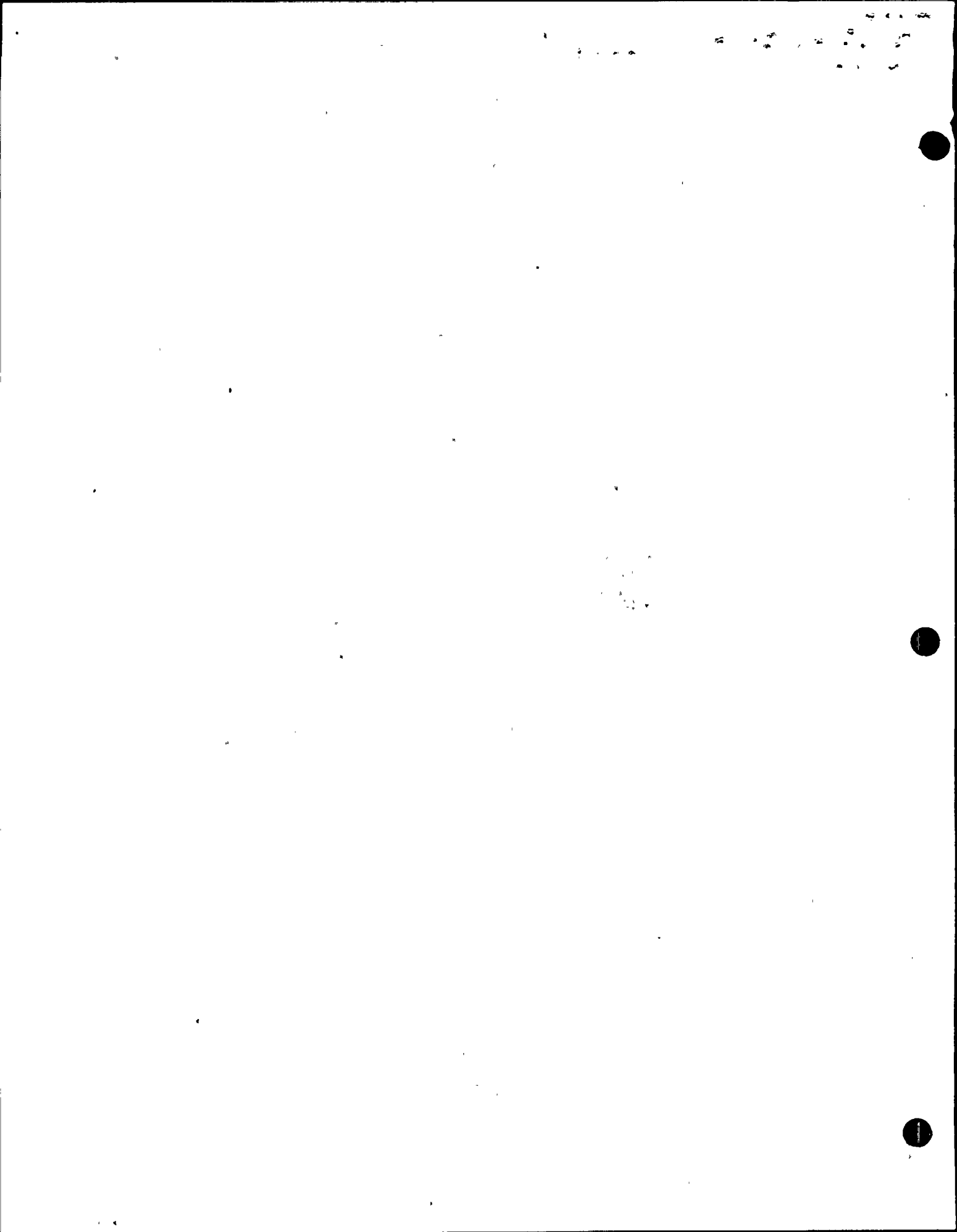


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EXHIBIT B

MATERIAL BALANCE STATEMENT Privately Owned Plutonium June 30, 1975

	<u>Pu</u>	<u>Grams</u> <u>" Pu 239/241</u>
Beginning Inventory-6/30/72	459709	394540
Reactor Production	420678	288550
Shipments	<u>-0-</u>	<u>-0-</u>
Ending Inventory-6/30/75	<u>880387</u>	<u>683090</u>



*Reactor Facilities
Branch*

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FEB 23 1976

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Niagara Mohawk Power Corporation
Attention: Mr. R. R. Schneider
Vice President
Electric Operations
300 Erie Boulevard West
Syracuse, New York 13202

License No. DPR-63
Inspection No. 75-32
Docket No. 50-220

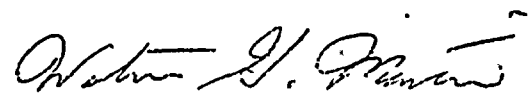
Reference: Your letter dated February 3, 1976
In response to our letter dated January 19, 1976

Gentlemen:

Thank you for informing us of the corrective action preventive actions you documented in response to our correspondence. These actions will be examined during a subsequent inspection of your licensed program.

Your cooperation with us is appreciated.

Sincerely,



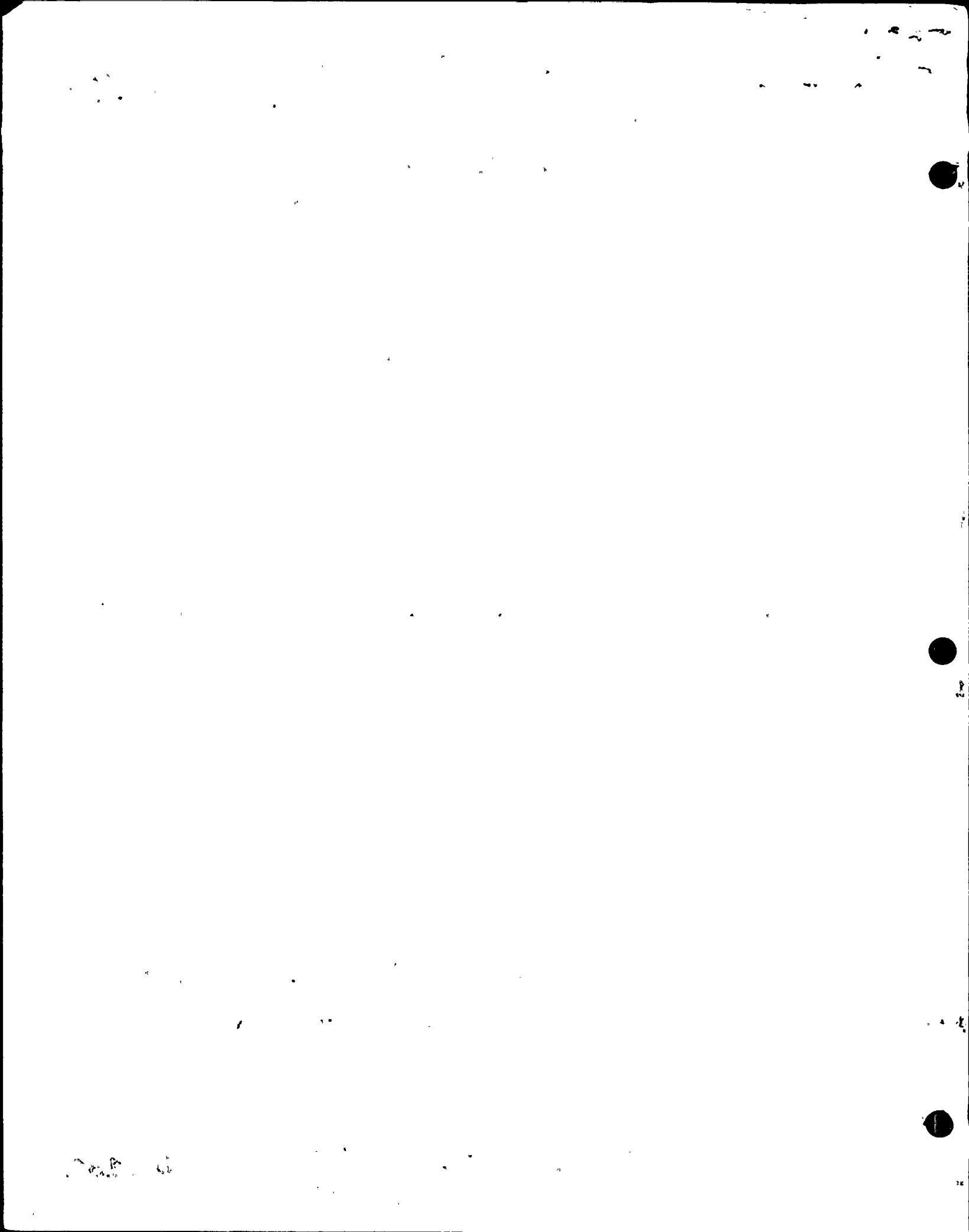
Walter G. Martin, Chief
Safeguards Branch

- cc: P. A. Burt, General Superintendent, Nuclear Generation
- T. J. Perkins, Plant Superintendent
- C. L. Stuart, Operations Supervisor
- E. B. Thomas, Jr., Attorney
- A. Z. Roisman, Counsel for Citizens Committee for Protection of the Environment

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State of New York



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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

February 3, 1976


Mr. Walter G. Martin, Chief
Safeguards Branch
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pa. 19406

RE: Inspection Report 75-32
Docket No. 50-220

Dear Mr. Martin:

Regarding Inspection Report 75-32, concerning an inspection conducted at Nine Mile Point Nuclear Station Unit #1 by Mr. Waltner of your office on December 17-18, 1975, the following enclosed information pursuant to 10 CFR 2.790(d) and 10 CFR 2.201 is submitted.

Very truly yours,


R.R. Schneider
Vice President -
Electric Operations

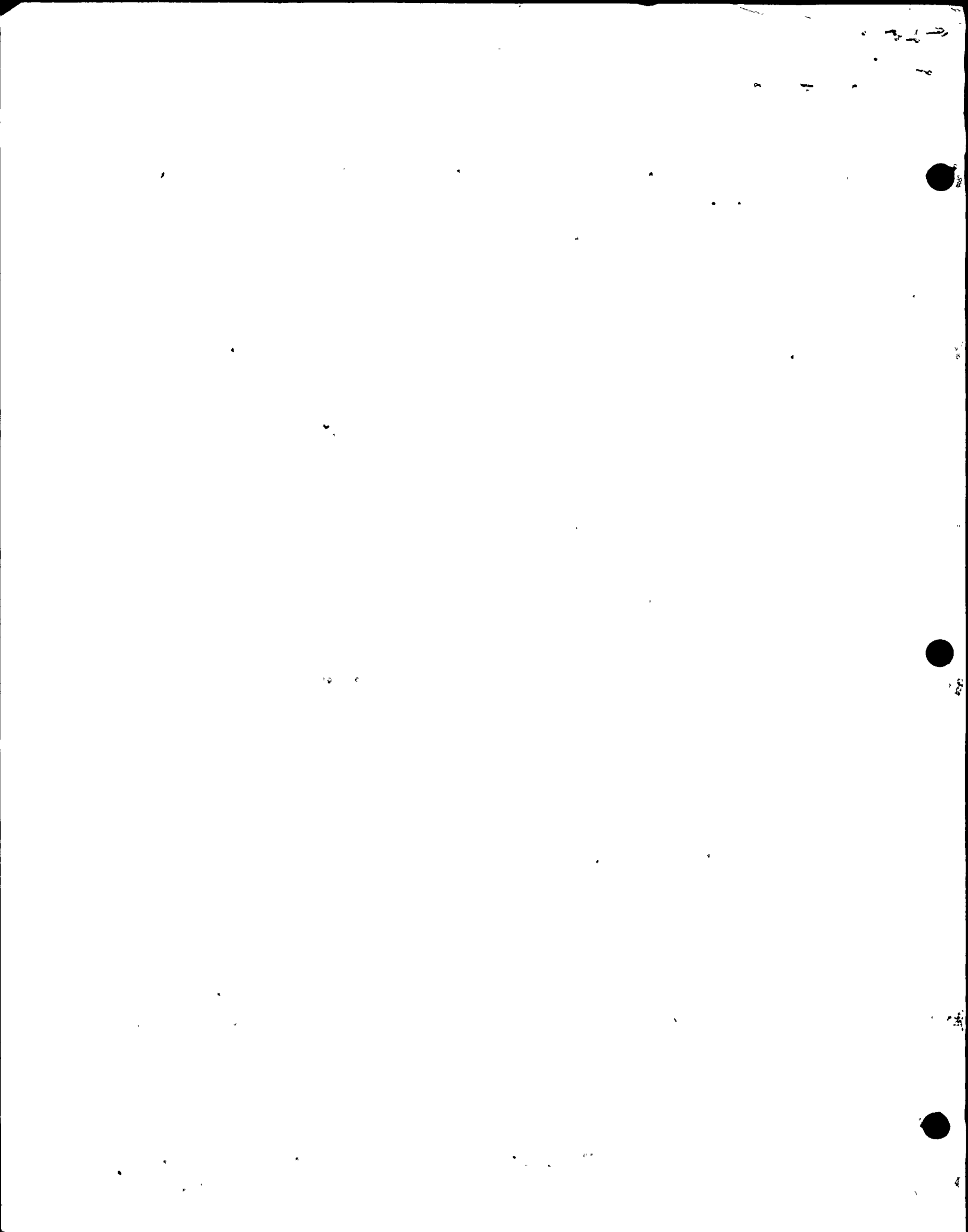
TJD/mm

Enclosure

ENCLOSURE TRANSMITTED HERewith CONTAINS 10 CFR 2.790 INFORMATION

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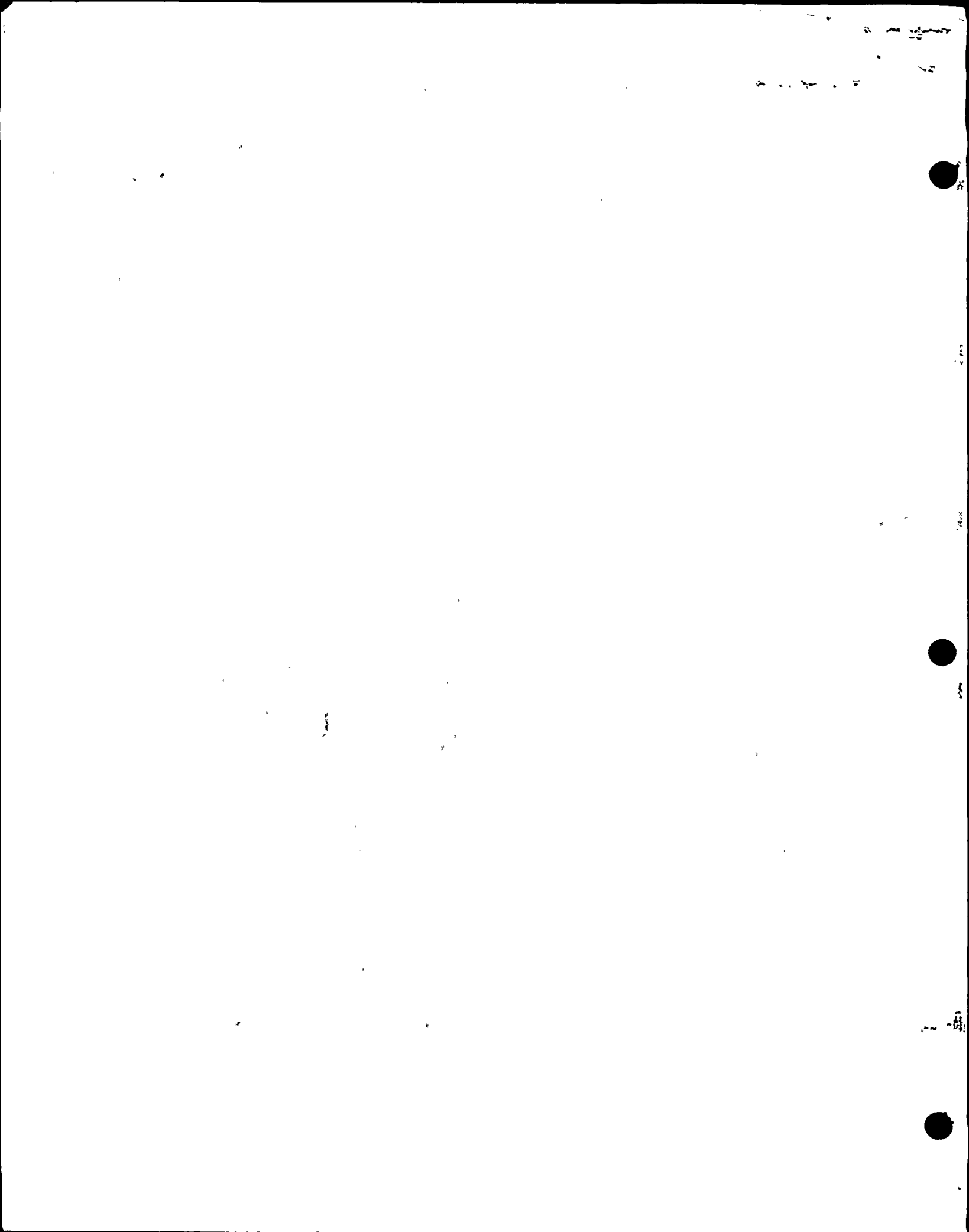


ENCLOSURE **10 CFR 2.790 INFORMATION**

- A. "Contrary to 10 CFR 70.51(c), the licensee has not established, maintained, and followed written material control and accounting procedures which are sufficient to enable the licensee to account for the special nuclear material in his possession under license."

RESPONSE

A study and review of existing procedures has been undertaken and shown that the procedures need to be modified and rewritten to reflect ANSI 16.8. Although there is a piece-by-piece accountability now existing, plans are underway for a computer type accounting system to be established and maintained. This will also be reflected in the procedures. It is expected that the new procedures established an accounting system in accordance with 10 CFR 70.51(c) will be implemented by July 31, 1976.



*Reactor Facilities
Branch*

UNITED STATES
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FEB 17 1976

Niagara Mohawk Power Corporation
Attention: Mr. R. R. Schneider
Vice President
Electric Operations
300 Erie Boulevard West
Syracuse, New York 13202

License No. DPR-63
Inspection No. 75-31
Docket No. 50-220

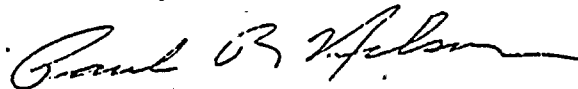
Reference: Your letter dated January 29, 1976
In response to our letter dated January 7, 1976

Gentlemen:

Thank you for informing us of the corrective and preventive actions you documented in response to our correspondence. These actions will be examined during a subsequent inspection of your licensed program.

Your cooperation with us is appreciated.

Sincerely,

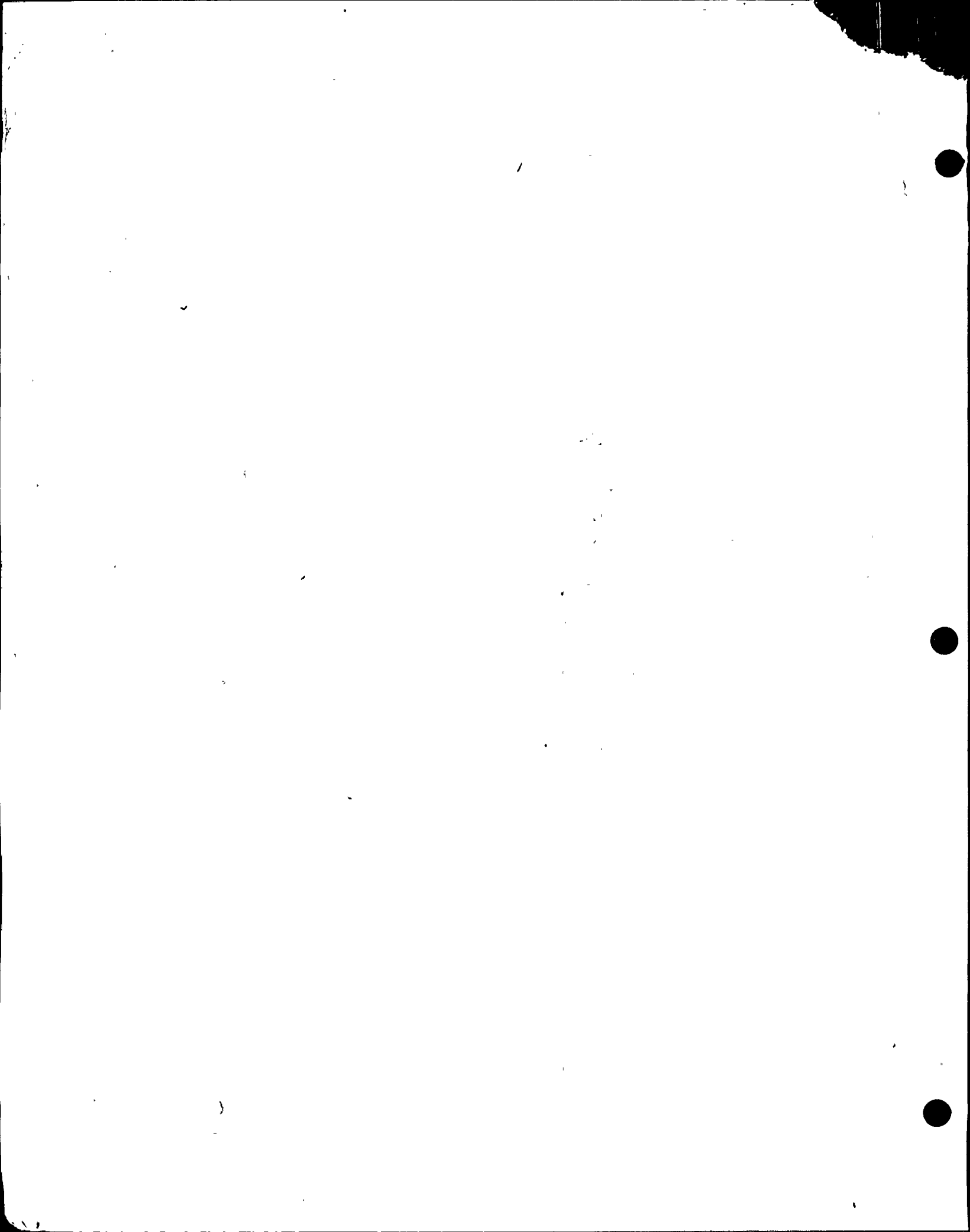


Paul R. Nelson, Chief
Fuel Facility and Materials Safety
Branch


cc: T. E. Lempges, General Superintendent, Nuclear Generation
T. J. Perkins, Station Superintendent
C. L. Stuart, Operations Supervisor
E. B. Thomas, Jr., Esquire
A. Z. Roisman, Counsel for Citizens Committee for
Protection of the Environment

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

January 29, 1976

Mr. Paul R. Nelson, Chief
Fuel Facility and Materials Safety Branch
United States Nuclear Regulatory Commission
RO:I
631 Park Avenue
King of Prussia, Pa. 19406

RE: Docket No. 50-220
Inspection Report 75-31

Dear Mr. Nelson:

Referring to Inspection Report 75-31, conducted by Mr. W. Ruhlman of your office at the Nine Mile Point Nuclear Station Unit #1 on December 9-11, 1975, we have, following a thorough review, concluded that the report pursuant to Section 2.790 of the NRC's "Rules of Practice" Part 2, Title 10, CFR may be placed in the NRC Public Document Room. Concerning the alleged item of non-compliance delineated in Appendix A to the report, the following information pursuant to your request for action taken or to be taken to prevent re-occurrence is submitted:

"Contrary to Technical Specification 6.8.A.9 and items 2., 2.2.1, 2.2.4, 2.2.5, 2.2.6, 2.2.12, and 2.2.14 of Emergency Plan Implementing Procedure F, EMERGENCY EQUIPMENT INVENTORIES AND CHECKLISTS, the Emergency Survey Kit had not been properly inventoried during the second, third, or fourth quarters of 1975."

RESPONSE:

Presently, the overall Emergency Plan is in a process of study and evaluation as the result of drills and intense study by the Plant Staff. The overall goal is to refine the plan to a highly workable and realistic action. Changes which will prevent re-occurrence of those above listed items will be included. A target date of August 1, 1976 has been established for this undertaking. However, as the work progresses, that date may be revised. In the event of a change from that target date, you will be advised.

Very truly yours,

Original signed by R.R. Schneider
R.R. Schneider
Vice President - Electric Operations

TJD/mm

