

UNITED STATES
 ATOMIC ENERGY COMMISSION
 DIRECTORATE OF REGULATORY OPERATIONS
 REGION 1

~~370 BROAD STREET~~
~~NEWARK, NEW JERSEY 07102~~

MAR 7 1974

631 Park Avenue
 King of Prussia, Pennsylvania 19406

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

License No. DPR-17
 Inspection No. 50-220/74-01

Gentlemen:

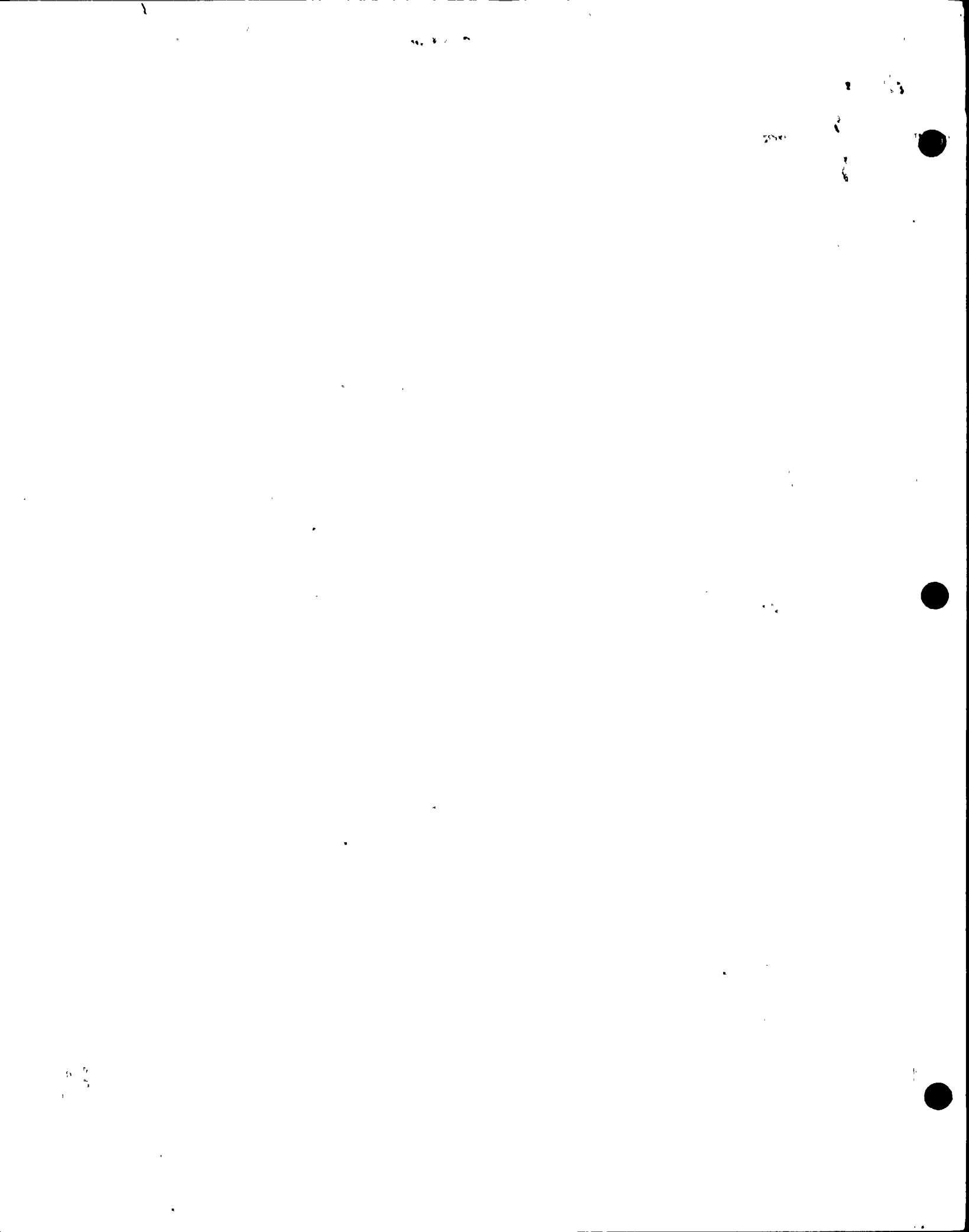
This refers to the inspection conducted by Mr. Ruhlman of this office on February 19-February 21, 1974 at the Nine Mile Point Plant in Scriba, New York of activities authorized by AEC License No. DPR-17 and to the discussions of our findings held by Mr. Ruhlman with Mr. Burt, Mr. Perkins and other members of your staff at the conclusion of the inspection.

Areas examined during this inspection are described in the Regulatory Operations Inspection Report which is enclosed with this letter. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this inspection, no violations or safety items were observed.

In accordance with Section 2.790 of the AEC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the AEC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

OFFICE ▶	GRESS RUHLMAN/JAA	PLUMLEE	MCCABE	BRUNNER	O'REILLY	
SURNAME ▶	2-28-74		3/1/74	3/6		
DATE ▶	3/1/74	3/7/74			3/1	



Niagara Mohawk Power Corporation -2-

No reply to this letter is required; however, if you should have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Eldon J. Brunner, Chief
Reactor Operations Branch

Enclosure:

RO Inspection Report No. 50-220/74-01

cc: T. J. Perkins, Station Superintendent
P. A. Burt, General Superintendent of Nuclear Generation
E. B. Thomas, Attorney

bcc: RO Chief, FS&EB
RO:HQ (4)
DL (4)
RO Files
DR Central Files ✓
RS
PDR
Local PDR
NSIC
DTIE
State of New York

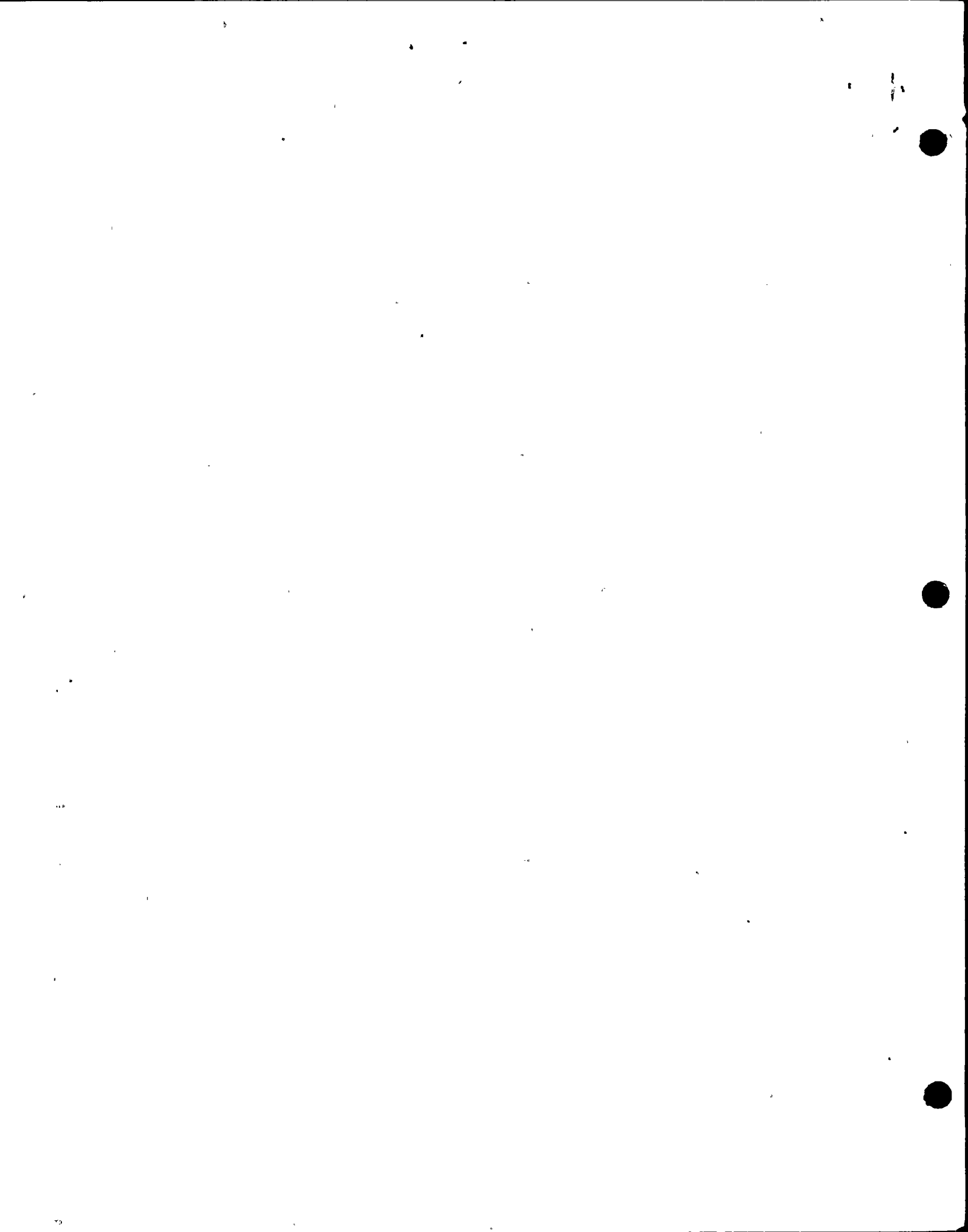
Reg Reg Reading Room



MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM 0240		See me about this. Note and return.	For concurrence. For signature.	For action. For information.
TO (Name and unit) RO Chief, FS&EB RO:HQ (5) RO Files Central Mail & Files Regulatory Standards	INITIALS	REMARKS NIAGARA MOHAWK , NINEMILE #50-220/74-01		
	DATE			
	(3)			
TO (Name and unit) Directorate of Licensing (13) OGC Regional Directors (II, III, IV)	INITIALS	REMARKS The above inspection report is forwarded for information. Distribution will be made by this office to the PDR, Local PDR, NSIC, DTIE, and State Representatives after review by the licensee for proprietary information.		
	DATE			
TO (Name and unit)	INITIALS	REMARKS DTIE, and State Representatives after review by the licensee for proprietary information.		
	DATE			
FROM (Name and unit) <i>E. J. Brunner</i> E. J. Brunner Region I	REMARKS			
PHONE NO. 8-337-1246	DATE 3/7/74			

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469



U. S. ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I

RO Inspection Report No: 50-220/74-01

Docket No: 50-220

Licensee: Niagara Mohawk Power Corporation

License No: DPR-17

300 Erie Boulevard, West

Priority: _____

Syracuse, New York 13202

Category: C

Location: Nine Mile Point 1, Scriba, New York

Type of Licensee: BWR (GE) 1850 Mwt

Type of Inspection: Special, Unannounced

Dates of Inspection: February 19-21, 1974

Dates of Previous Inspection: December 5, 1973

Reporting Inspector: *W. A. Ruhlman*
W. A. Ruhlman, Reactor Inspector

3/1/74
Date

Accompanying Inspectors: NONE

Date

Date

Date

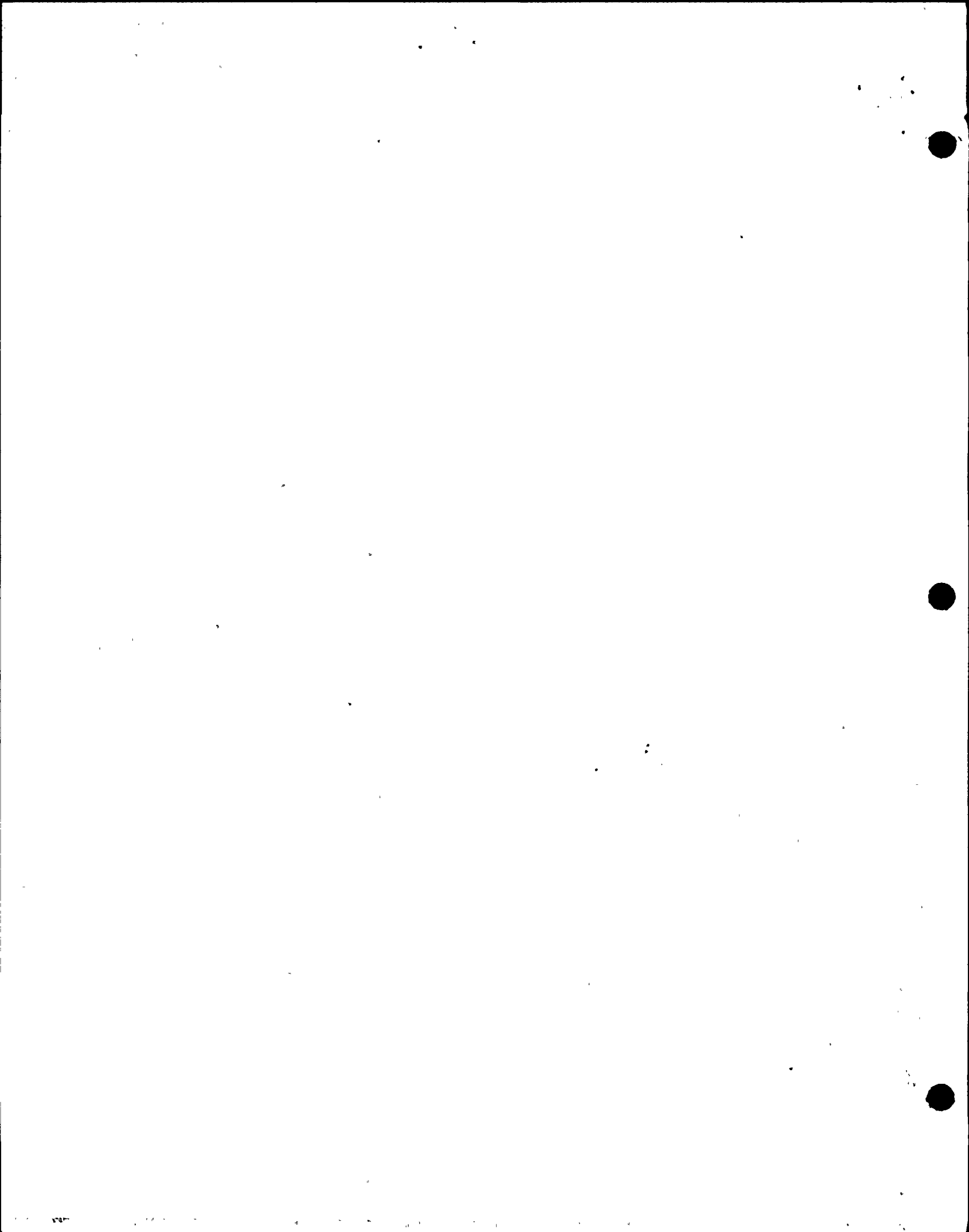
Date

Other Accompanying Personnel: NONE

Date

Reviewed By: *E. C. McCabe, Jr.*
E. C. McCabe, Senior Reactor Inspector
Reactor Operations Branch

3/1/74
Date



SUMMARY OF FINDINGS

Enforcement Action

None

Licensee Action on Previously Identified Enforcement Items

Not Inspected

Unusual Occurrences

None Identified

Other Significant Findings

A. Current Findings

Procedures written and approved in October and November of 1973 outline the Nine Mile Point Training Programs. However, the programs outlined in those documents have not yet been fully developed, implemented, and documented. (Details, Paragraphs 2, 3 and 4)

B. Status of Previously Reported Unresolved Items

Not Inspected

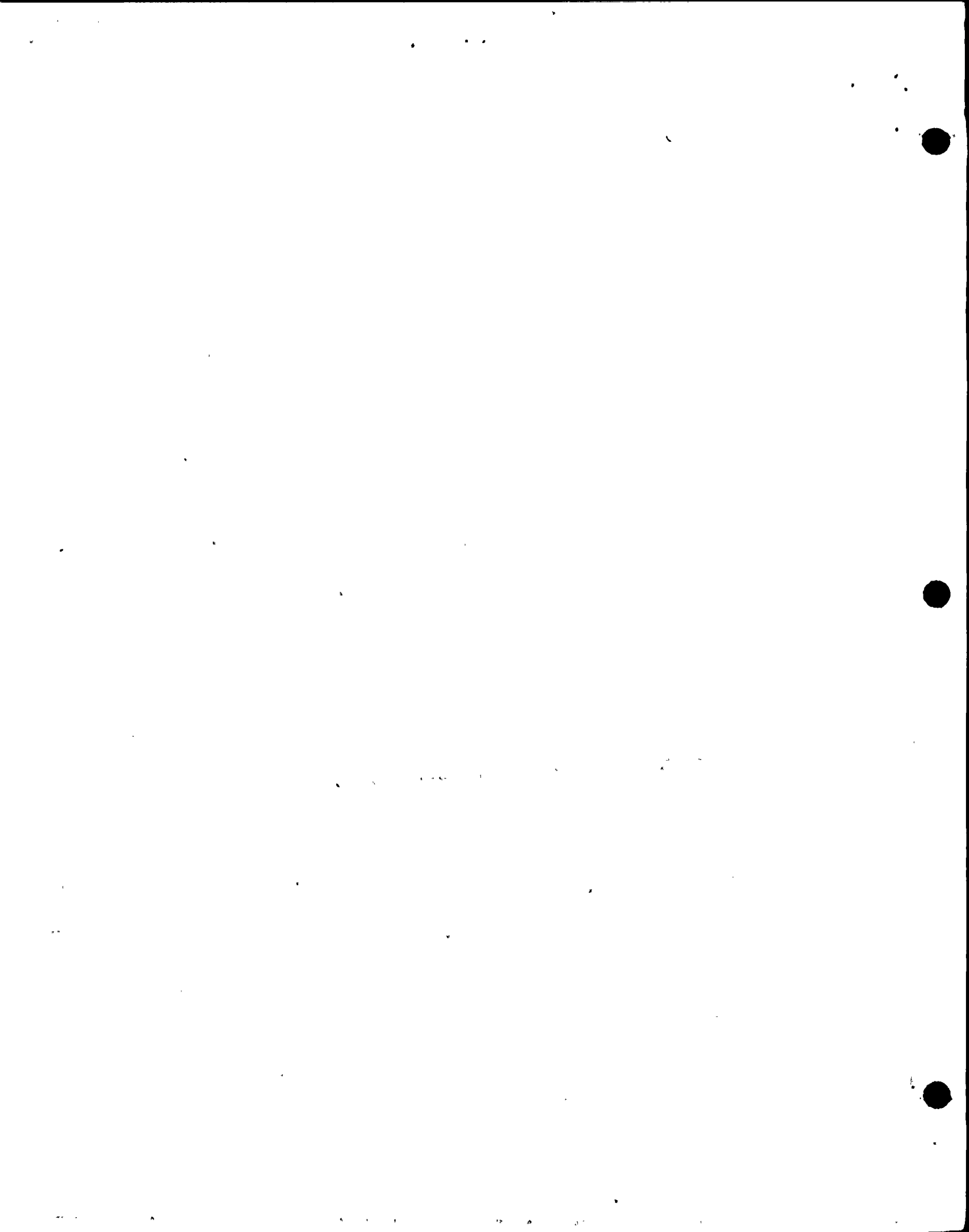
Management Interview

Niagara Mohawk Power Corporation

Mr. P. Burt, General Superintendent, Nuclear Generation
Mr. T. Lempges, Plant Superintendent, (J. A. FitzPatrick)
Mr. T. Perkins, Station Superintendent (Nine Mile Point)

Power Authority of the State of New York

Mr. J. Wise, Resident Engineer-Operations (J. A. FitzPatrick)



The following summarizes items discussed:

A. General Employee Training

The inspector stated that two (2) areas of general employee training were not included in the current curriculum. A licensee representative contacted by the inspector had stated that the two areas in question would be included in the curriculum as soon as the procedures and programs covering these areas had been approved. The licensee acknowledged this information. (Details, Paragraph 2)

B. Non-Licensed Technician/Repairman Training

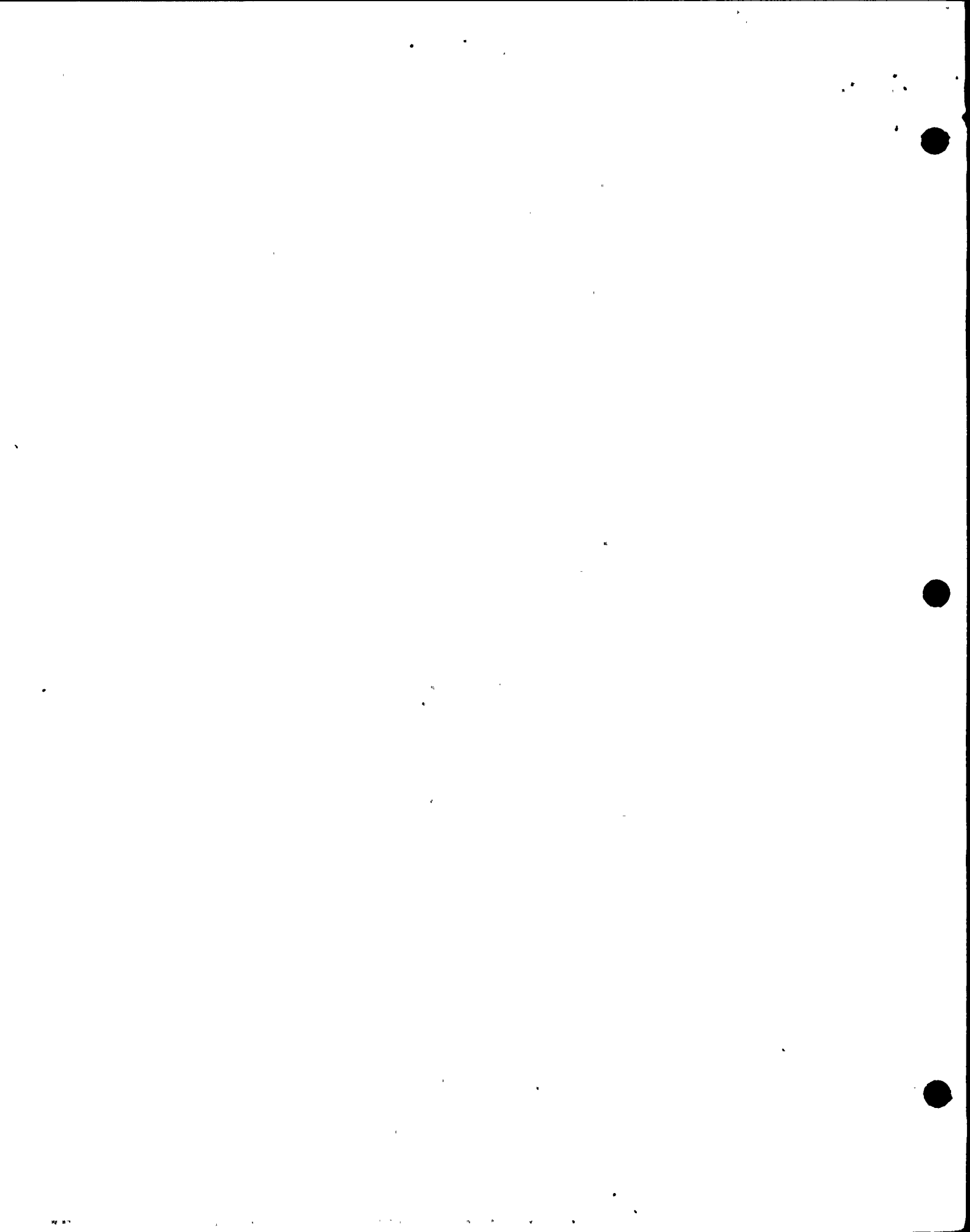
The inspector stated that the licensee's program for Instrument and Control Technician Training was not yet formalized or documented. Further, the inspector stated that a training program, proposed by the Site Instrument and Control Supervisor during the inspection, appeared to embody the curriculum required in applicable current standards. However, the inspector stated, the concepts discussed could not be evaluated for adequacy until after they had been formalized in a documented training program. The licensee acknowledged this information. (Details, Paragraph 3)

C. Fire Training for Shift Operating Personnel

Based upon his review of records and other material supplied by the licensee, the inspector found no deficiencies with the current Fire Training Program in respect to: (1) program curriculum, (2) documentation of training completed, and (3) provisions for timely refresher training and periodic drills. The licensee acknowledged this information. (Details, Paragraph 5)

D. Replacement Licensed Operator Training

The inspector stated that the Training Manual, some logs and checklists, and other records and documentation required to fully implement the Replacement Training Program were not in use. The inspector acknowledged that discussions with the Temporary Site Training Coordinator during the inspection indicated that the required material was under active development. However, the inspector stressed that the adequacy of the program could only be evaluated after the required material was incorporated into the training program. The licensee acknowledged this information. (Details, Paragraph 4)



E. Welder Training/Qualification

The inspector discussed his findings on the implementation of the Welder Training/Qualification Program. The licensee acknowledged this information. (Details, Paragraph 6)

F. Fuel Inspection and Channel Inspection Training

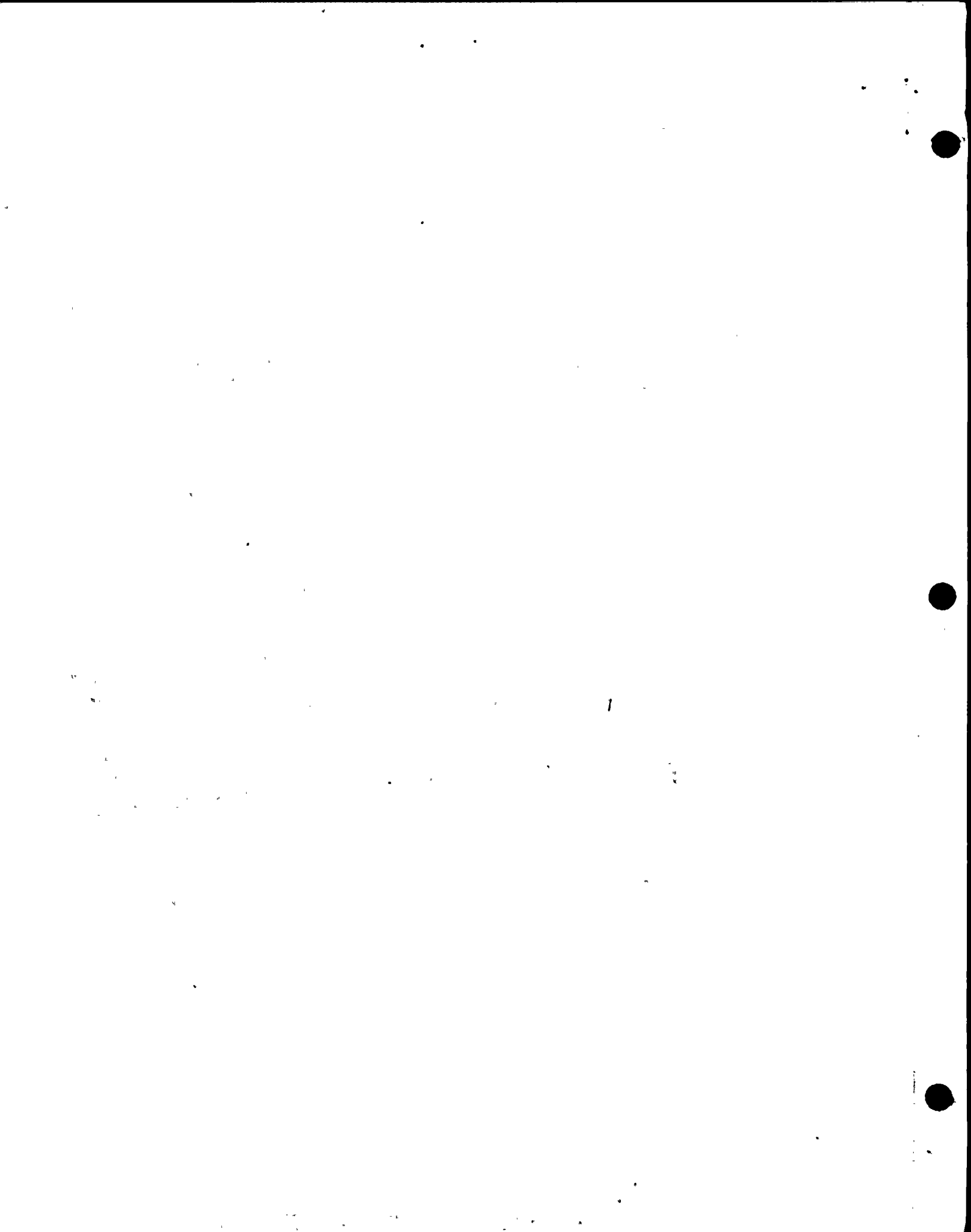
The licensee stated that the program, reviewed at the James A. Fitz-Patrick Nuclear Power Plant in Report 50-333/74-07, Details, Paragraph 7, was used to qualify maintenance personnel at the Nine Mile Point Station.

The inspector acknowledged the licensee's remarks and stated that, since he had not reviewed the documentation at the Nine Mile Point Station, he was unable to assess the adequacy of that program.

G. Security Guards

The licensee expressed concern about possible problems which could arise from arming security guards for the site. He asked the inspector for his interpretation of the requirements of 10 CFR 73.

The inspector stated that the security and physical protection personnel at the RO:I Regional Office can furnish guidance and that only the AEC General Counsel can furnish interpretations.



DETAILS

1. Persons Contacted

Niagara Mohawk Power Corporation

Mr. L. Bollin, Instrument and Control Supervisor-NMP/JAF Site
Mr. R. Burns, Radiochemistry and Radiation Protection Supervisor
Mr. P. Burt, General Superintendent, Nuclear Generation
Mr. J. Luber, Plant Operations Clerk "D"
Mr. T. Perkins, Station Superintendent
Mr. M. Silliman, Results Supervisor
Mr. R. Smith, Maintenance Superintendent
Mr. C. Stuart, Assistant to the Superintendent for Operations
Mr. B. Taylor, Assistant Instrument and Control Supervisor
Mr. V. Upcraft, Area Safety Director

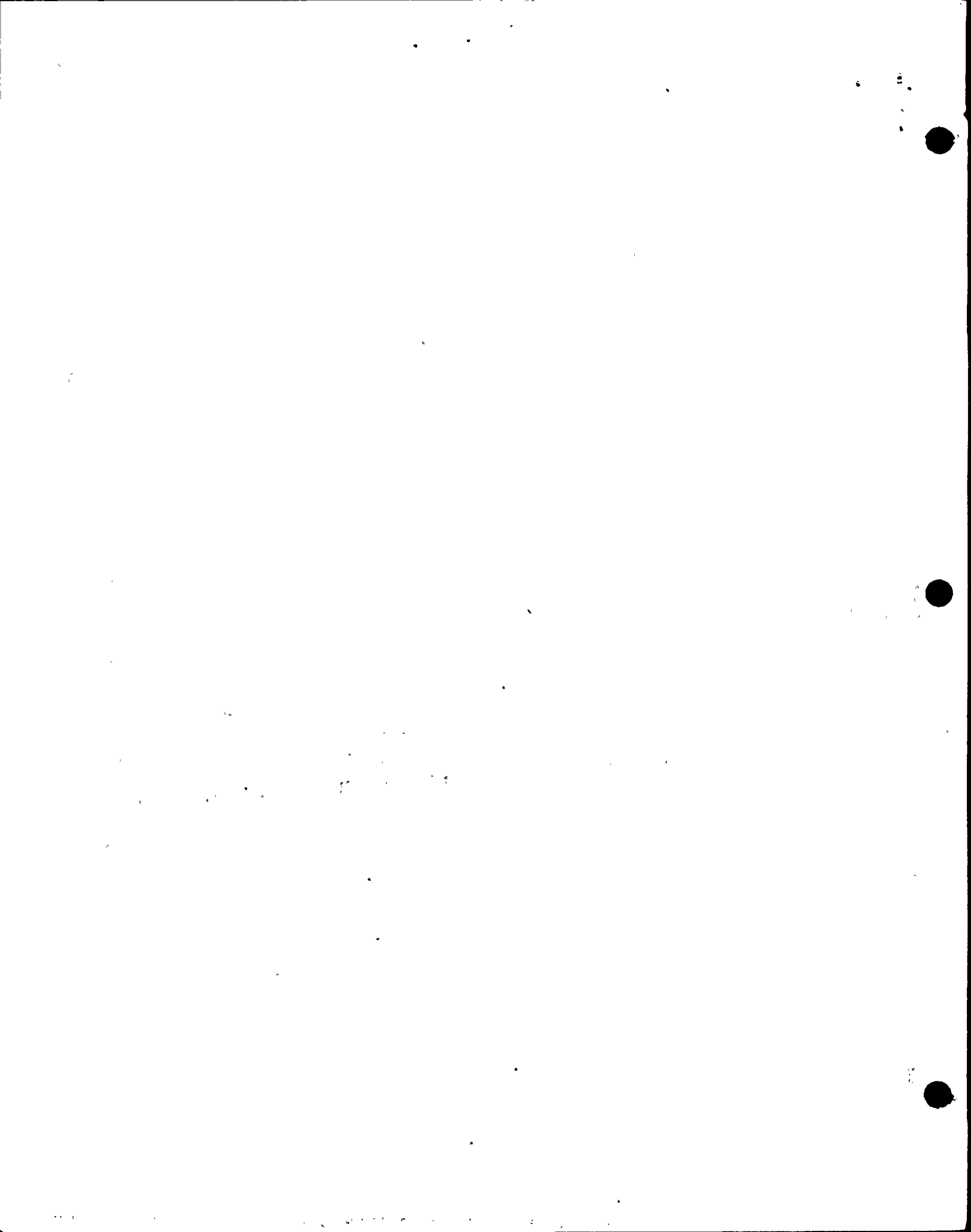
General Physics Corporation

Mr. J. Zerbo, Temporary Site Training Coordinator

2. General Employee Training

The inspector reviewed the General Employee Training Program with respect to 10 CFR 19, ANSI N18.1 - 1971, and Criterion II of Appendix B to 10 CFR 50. The following summarizes the inspector's findings.

- a. Administrative Procedure AP-21, Appendix D, GENERAL EMPLOYEE TRAINING dated October, 1973, describes the training program to be provided for "all on-site personnel concerned with the day to day operation, maintenance and technical services for all Nuclear Power Plants located at the Nine Mile Point-James A. FitzPatrick Site." This appendix delineates, in general terms, the licensee's program to meet the requirements listed in Section 5.4 of ANSI N18.1 - 1971.
- b. Radiation Protection Procedures, Section V-C, RADIATION PROTECTION TRAINING dated November 1973, "outlines the training requirements as far as radiation protection is concerned at the NMP-JAF Site." This procedure delineates the licensee's program to meet the requirements of Section 19.12 of 10 CFR 19.



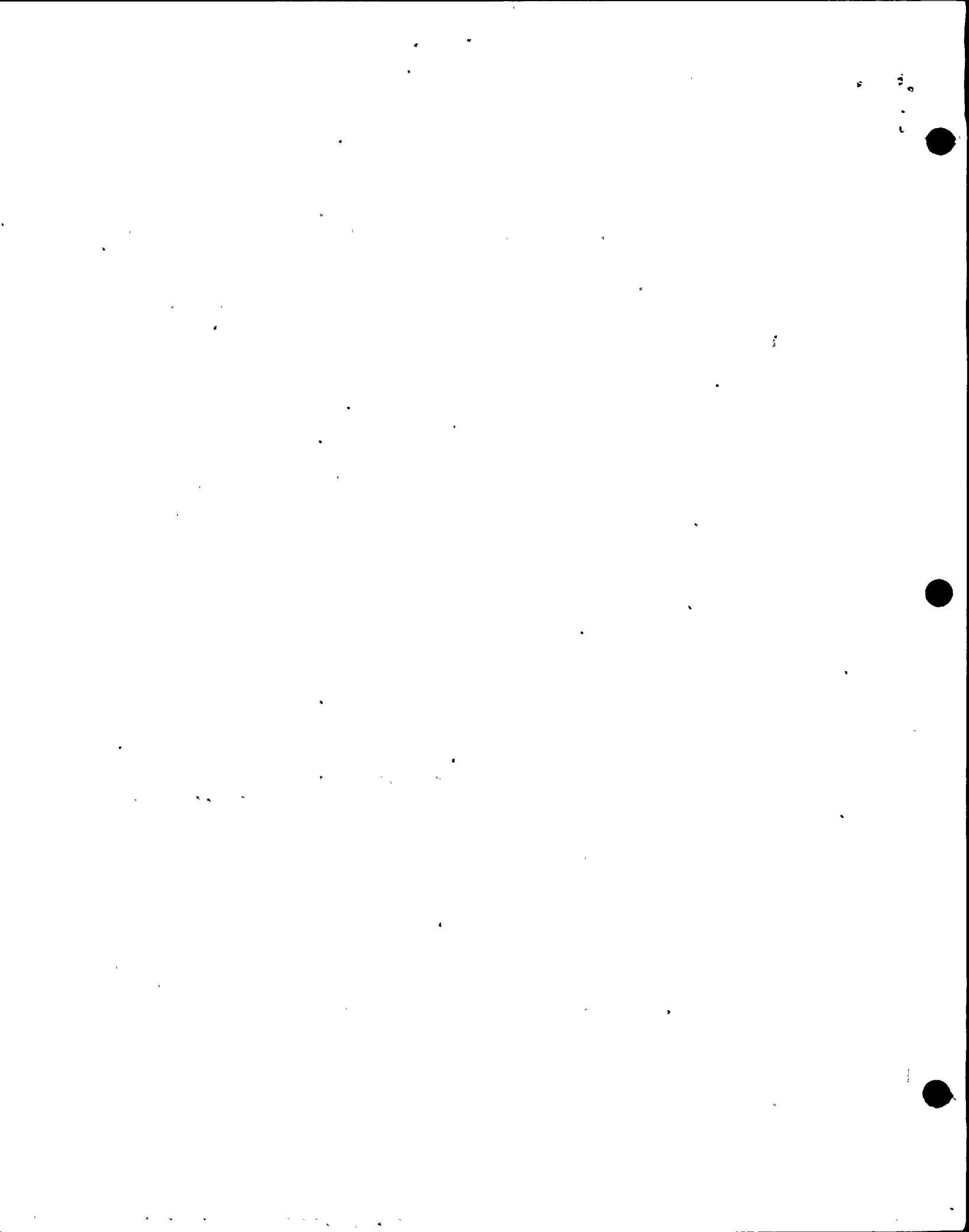
- c. The training program, as described in the two referenced documents (Details 2a and 2b, preceeding), is not yet fully implemented. Specifically, there is no current training in: (1) the overall company Q/A Program, and (2) plant security procedures. Programs/procedures for these areas have not yet been implemented. A licensee representative stated that, when these two (2) programs are implemented, the necessary training will be conducted.
- d. Documentation reviewed by the inspector indicated that employees had received training in: (1) Radiation Protection, (2) Industrial Safety, and (3) the Site Emergency Plan (by way of a drill including off-site agencies and conducted on November 23, 1973).

In addition, a licensee representative estimated that the Radiation Protection Training required by the licensee's program for "all persons frequenting restricted areas" and "persons allowed unescorted access to restricted areas of site" would be completed on the J. A. FitzPatrick site by the end of June 1974. Documentation indicated that over 90% of the personnel scheduled for this training have already completed the course required.

The General Employee Training Program is unresolved pending full implementation.

3. Non-Licensed Technician/Repairman Training

- a. The licensee's Administrative Procedure AP-21, Appendix C, TRAINING OF NON-LICENSED PERSONNEL, covers training for Instrument and Control Technicians, in Section 3.2.1, by stating: "It shall be the responsibility of the Instrument and Control Supervisor to see that these individuals are experienced and/or trained to satisfactorily perform their assigned tasks." The training program to fulfill this requirement had not been formalized or implemented.
- b. The inspector held discussions with the Instrument and Control Supervisor for the NMP-JAF Site for the purpose of determining the licensee's plan for an Instrument and Control Technician Training Program. During these interviews, current guides and standards (ANSI N18.1 - 1971, ANSI N45.2.6 - 1973 as modified by Regulatory Guide 1.58 and Criterion II of Appendix B to 10 CFR 50) were discussed in addition to the current training practices of the licensee.



The licensee representative stated that, based upon his discussion with the inspector, the I&C Technician Training Program currently being developed would meet current requirements.

The inspector acknowledged the licensee representative's remarks and stated that the adequacy of the program could only be evaluated after it had been implemented. This item is unresolved pending program implementation. The target date given by the licensee representative for implementation was March 31, 1974.

4. Replacement Licensed Operator Training

- a. The licensee's Administrative Procedure, AP-21, Appendix A, TRAINING OF LICENSED OPERATOR CANDIDATES, dated October 1973, "Describes the training program for replacement of licensed operator personnel as called for in Section 5.5.2 of ANSI N18.1 and 10 CFR 55."

Section 3.0 of AP-21 specifies required technical training. The training specified for candidates, RO and SRO, in this section is essentially the same as that specified in Section 5.2.1 of ANSI N18.1 - 1971 and Section IV of WASH 1094-1965.

- b. Inspection of records and discussions with licensee representatives indicated that this program is not yet fully implemented. Specific areas discussed with licensee representatives and program deficiencies noted were:
- (1) The "Training Manual which shall contain checklists of plant evolutions which candidates should perform or simulate in the course of his on-the-job training" required by AP-21, Appendix A, Section 4.2 has not yet been written.
 - (2) The records required in Section 7.0 of AP-21 Appendix A are either incomplete, as currently maintained, or they have not been developed.
- c. Discussions with the Temporary Site Training Coordinator indicated to the inspector that the licensee is currently working on documentation to satisfy the requirements delineated in Details 4b(1) and 4b(2) preceding.

This item is unresolved pending program implementation.

F. 1. 2.



5. Fire Protection Training for Shift Operating Personnel

The inspector reviewed the fire protection training since it had been referenced by a licensee representative in General Employee Training discussions. Records furnished by the licensee showed:

a. Nuclear Station Fire Training Curriculum

- (1) Orientation, Fire Extinguishment - 3½ hours
- (2) Protective Breathing Apparatus, Practical Evolutions - P.B.A. - 3 hours
- (3) Operating Extinguishers on Class "A", "B", and "C" Fires - 3½ hours
- (4) Operating Wheeled Extinguishers, Hose, Nozzles, Equipment, 1½" and 2½" lines, foam play pipes and low velocity applicators - 3 hours
- (5) Fire Fighting in Energized Equipment, in outdoor electrical stations, in indoor electrical stations - 3½ hours
- (6) Fires in Underground Electrical Systems, Vault Fires - 3 hours
- (7) Fixed Fire Protection Equipment - Water, Foam, CO₂ - 3½ hours
- (8) Pressurized Leak Fires, Turbine - Generator Oil Fires, Energized Grid - 3 hours

- b. Persons who have received training are listed and the training received is documented. Retraining is required and documented. Fire drills are required and documented.

The inspector stated that; based on the documentation reviewed, he had no further questions in this area at this time. A licensee representative acknowledged the inspector's statement.

6. Welder Training/Qualification

The inspector reviewed the licensee's records in respect to the pertinent requirements of Section IX of the ASME B&PV Code. The licensee has only one welder qualified in two welding procedures. A licensee representative stated that more qualified welders are presently in training. The licensee did have a copy of each procedure used to qualify the welder and a qualification certification record.

A licensee representative stated that, as the number of qualified welders on-site increases, a more advanced record keeping program would be required to verify the need for requalification.

- The inspector concurred with the licensee representative's assessment of future needs and stated he had no further questions in this area at the present time.

