

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8101300452 DOC. DATE: 81/01/26 NOTARIZED: NO DOCKET #  
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moho 05000410  
 AUTH. NAME AUTHOR AFFILIATION  
 RHODE, G.K. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 CARLSON, R.T. Region 1, Philadelphia, Reactor Construction & Engineer

SUBJECT: Final interim deficiency rept, originally reported on 801205, re handling & rigging of safety-related equipment. Site procedures to implement requirements for handling & rigging of safety-related equipment inadequate.

DISTRIBUTION CODE: B019S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3  
 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

ACTION:	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
	A/D LICENSNG 04	1	1	YOUNGBLOOD, B 05	1	1
	RUSHBROOK, M. 06	1	1	KIPER, K. 07	1	1
INTERNAL:	AD/RCI/IE 17	1	1	ASLBP/J. HARD	1	1
	D/DIR HUM FAC 15	1	1	DIR, DIV OF LIC	1	1
	EDO & STAFF 19	1	1	EQUIP QUAL BR 11	1	1
	HYD/GEO BR 22	1	1	I&E 09	1	1
	LIC QUAL BR 12	1	1	MPA 20	1	1
	NRG PDR 02	1	1	OELD 21	1	1
	PRC/TST REV 13	1	1	QA BR 14	1	1
	REG FILE 01	1	1	RUTHERFORD, W. IE	1	1
	STANDRDS DEV 21	1	1			
EXTERNAL:	ACRS 16	16	16	LPDR 03	1	1
	NSIC 08	1	1			

FEB 20 1981

Faint, illegible text at the top of the page, possibly a header or title.

Second block of faint, illegible text, appearing as a paragraph.

Third block of faint, illegible text, possibly a sub-section or list.

Main body of faint, illegible text, consisting of several lines of what appears to be a list or detailed notes.

Large area of faint, illegible text at the bottom of the page, possibly a conclusion or additional notes.



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

MEMORANDUM FOR: TERA CORPORATION  
FROM: US NRC/TIDC/DOCUMENT MANAGEMENT BRANCH  
SUBJECT: Special Document Handling Requirements

1. Please use the following special distribution list for the attached document.

2. The attached document requires the following special considerations:

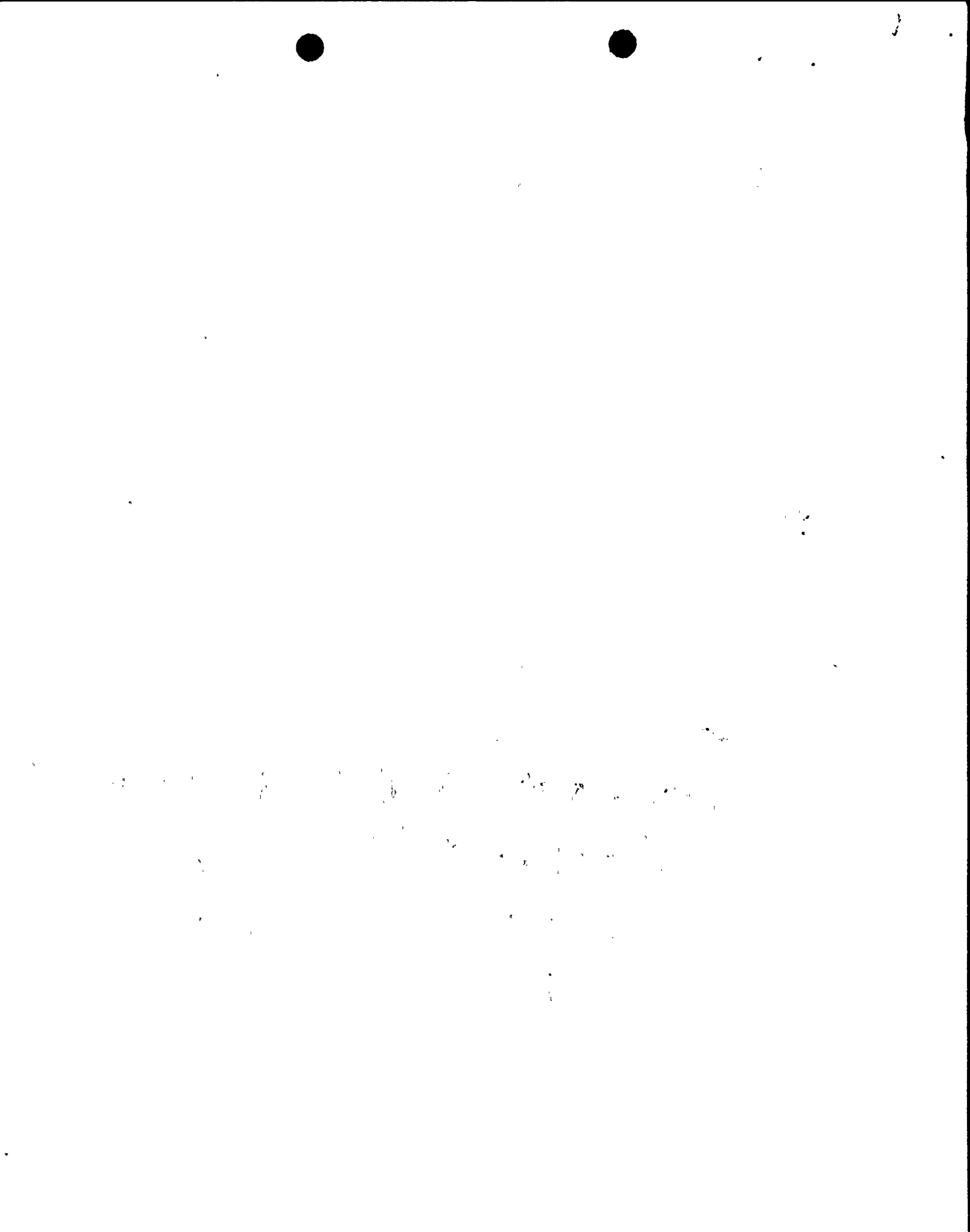
- Do not send oversize enclosures to the NRC PDR.
- Only one oversize enclosure was received - please return for Regulatory File storage.
- Proprietary information - send only non-proprietary portions to the NRC PDR.

Other: (specify)

REQUIRES RIDS PROCESSING  
w/ CORRECTED  
DOCKET  
#

cc: DMB Files

Mike  
TIDC/DMB Authorized Signature

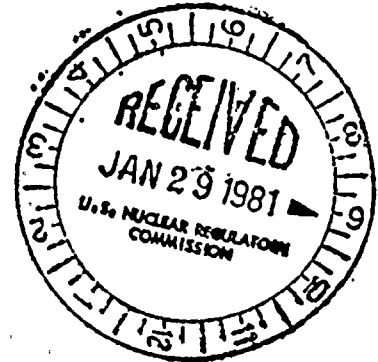


**NY NIAGARA  
MOHAWK**

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

January 26, 1981

Office of Inspection and Enforcement  
Region I  
Attn.: Mr. R. T. Carlson, Chief Reactor  
Construction and Engineering Support Branch  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406



Dear Mr. Carlson:

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

Your staff was notified of a potential 50.55(e) deficiency on December 5, 1980, involving the handling and rigging of safety related equipment at the Nine Mile Point Unit 2 site. Attached is a final report in accordance with the requirement of paragraph 50.55(e)(3) of 10CFR50.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

A handwritten signature in black ink, appearing to read "Gerald K. Rhode".

Gerald K. Rhode  
Vice President  
System Project Management

PEF/kmb  
Attachment

cc: Director of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

416 S 126

B019  
S1/1

8101300452

S



Final Report

Potential Reportable 50.55(e)

Deficiency Involving Handling and  
Rigging of Safety Related Equipment

Niagara Mohawk Power Corporation

Nine Mile Point Unit 2

Docket No. 50-410

Description of the Deficiency

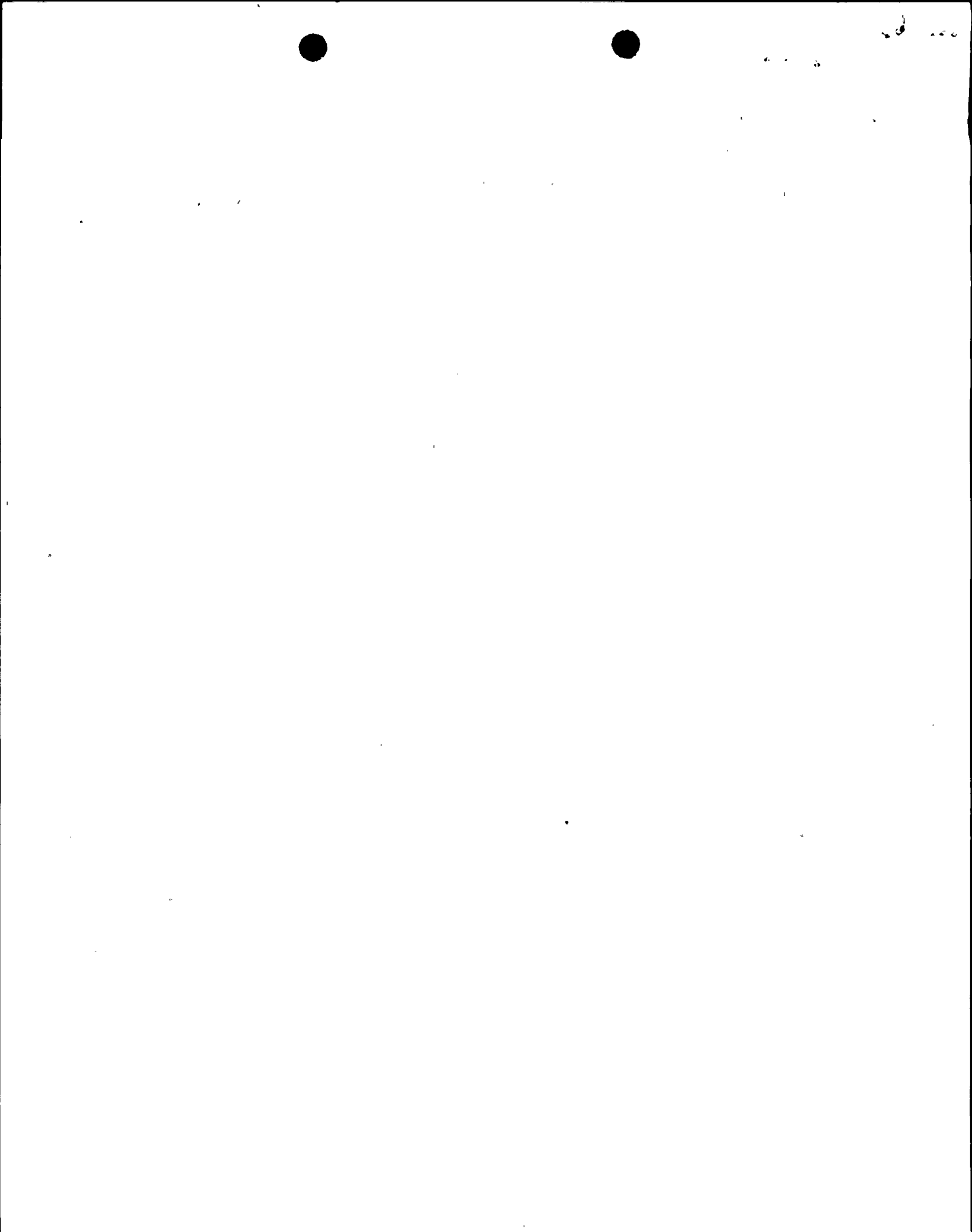
The Quality Assurance Program for Nine Mile Point Unit 2 is committed to meeting the requirements of ANSI N45.2.2-1972 for packaging, shipping, receiving, storage and handling of safety related equipment. Site procedures to implement the requirements of ANSI N45.2.2-1972 for handling and rigging of safety related equipment were inadequate in that:

1. The program identified only those safety related items which required special handling due to weight, size, shape or accessibility. There was no evidence that other physical characteristics, as identified in ANSI N45.2.2, were considered to identify additional safety related equipment which required special handling.
2. Although procurement specifications for safety related equipment requested Special Handling Instruction for equipment determined to require special handling in accordance with ANSI N45.2.2-1972, there was insufficient evidence that these Special Handling Instructions were being controlled and followed.
3. Quality Control Inspectors were only notified of rigging operations involving safety related equipment which weighed 25 tons or more or had an unusual size, shape or difficulty of accessibility.

Analysis of the Safety Implications

Although the site implementing procedure for the handling and rigging of safety related equipment did not meet all of the requirements of ANSI N45.2.2-1972, there is no evidence that unacceptable damage has occurred to safety related equipment presently on the site due to improper handling. The implementing procedure which was presently in effect was consistent with standard nuclear industry practice for handling and rigging.

Based on the above, there is insufficient basis to believe that the capability of safety related equipment to perform its intended safety function has been affected due to improper handling. Additionally, the changes outlined in the Corrective Action section will ensure that safety related equipment is properly handled in the future.





### Corrective Action

The Nine Mile Point Unit 2 site implementing procedure for the handling and rigging of safety related equipment has been revised to assure that all safety related equipment which requires special handling is identified and that proper instructions are provided to appropriate personnel. This procedure is available for review at the Nine Mile Point Unit 2 construction site.

The major changes to the procedures are summarized below:

1. The Resident Engineer shall maintain a current list of Quality Assurance Category I specifications to which Special Handling Instructions are applicable. This list and any Special Handling Instructions shall be provided to the Rigging Supervisor and upon request to Field Quality Control.
2. Lifts for which a Special Handling Instruction is applicable are classified as Class A or B lifts which means the Rigging Supervisor is responsible for:
  - a. Briefing all parties participating in an operation regarding their duties during the operation.
  - b. Approving Contractor's rigging procedures and seeing that the necessary records are maintained.
  - c. Notifying all involved personnel prior to performing any lifts or equipment and for Class A or B lifts (inspector is to be notified at least 8 hours prior to making a scheduled Class A or B lift).
  - d. Knowledge about all applicable sellers manuals and Special Handling Instructions.
3. An Equipment Lift Record Card is prepared for Class B lifts which references applicable Special Handling Instructions.

Handwritten mark or signature at the top right corner.



Small handwritten characters or numbers.

Faint handwritten text or markings on the right side.