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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe      05000220  
 AUTH. NAME      AUTHOR AFFILIATION  
 MANGAN, C.V.      Niagara Mohawk Power Corp.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 VASSALLO, D.B.      Operating Reactors Branch 2

SUBJECT: Forwards tabular status, plans & schedules re generic implications of Salem ATWS events (Generic Ltr 83-28).

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 TITLE: OR/Licensing Submittal: Salem ATWS Events GL-83-28

NOTES:

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	NRR/DHFS/HFEB	1 1	NRR/DHFS/LQB	1 1
	NRR/DHFS/PSRB	1 1	NRR/DL DIR	1 1
	NRR/DL/ORAB	1 1	NRR/DL/SSPB	1 1
	NRR/DL/TAPMG	1 1	NRR/DSI/ASB	1 1
	NRR/DSI/ICSB	2 2	NRR/DSI/PSB	1 1
	NRR/DSI/RSB	1 1	<u>REG FILE</u> 04	1 1
	RGN1	1 1		
EXTERNAL:	ACRS	6 6	LPDR 03	1 1
	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS	1 1		



April 30, 1984

Director of Nuclear Reactor Regulation  
Attention: Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

Dear Mr. Vassallo:

Our February 29, 1984 letter provided information and schedules related to the generic implications of the Salem Anticipated Transient Without Scram events (Generic Letter 83-28). Table I presents our current status, plans and schedules with regard to the various action items of the Generic Letter.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

*C. V. Mangan*

C. V. Mangan  
Vice President  
Nuclear Engineering and Licensing

CVM/PAM:slw

Attachments

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PDR ADOCK 05000220  
PDR

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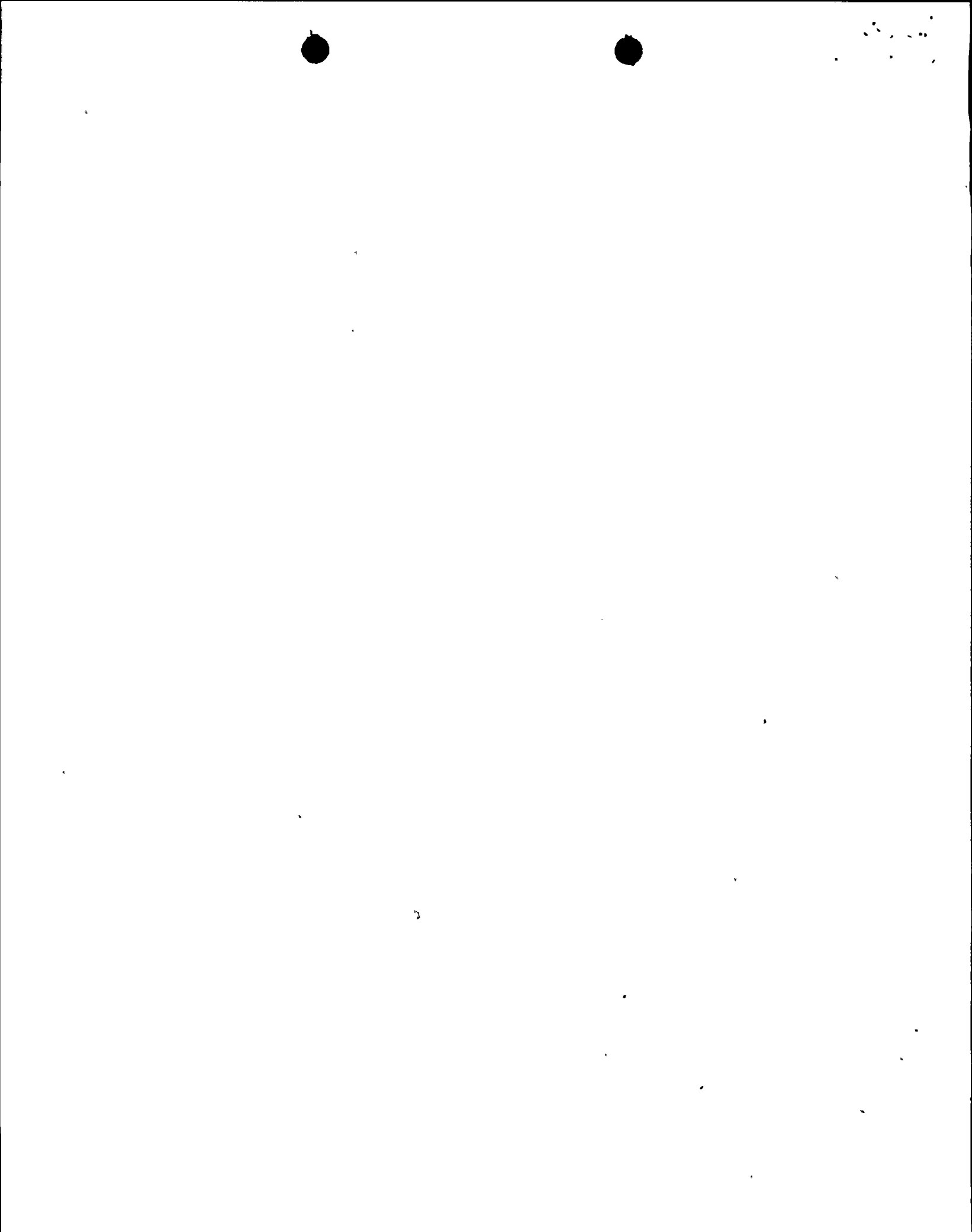
TABLE 1

Status of Generic Letter 83-28  
Regulatory Action Items

<u>Section</u>	<u>Title</u>	<u>February-29, -1984-Schedule</u>	<u>Comments/Status</u>
1.1.1	Criteria for Determining Acceptability of Restart	Review and revise procedures, if required, by April 30, 1984	Niagara Mohawk has completed the review of applicable procedures and has revised the following: -Site Administrative Procedure APN-3, "Site Operations Review Committee Procedures" -Operating Procedure NI-OP-43, "Start-up and Shutdown Procedure" Reactor Analyst Procedure NI-RAP-6, "Post Reactor Scram Analysis and Evaluation" has also been reviewed and requires revision. This will be completed prior to startup from our current refueling outage.
1.1.2	Responsibilities and Authorities of Personnel who will Perform the Review & Analysis of these events	To be performed in conjunction with item 1.1.1.	Niagara Mohawk has reviewed Reactor Analyst Procedure NI-RAP-6. Revision to clarify the responsibility and authority of personnel who review and analyze reactor scrams is required. This will be completed prior to startup from our current refueling outage.
1.1.3	Qualifications and Training for the Responsible Personnel	Review and revise procedures, if required, by April 30, 1984.	Niagara Mohawk has reviewed the applicable procedure, Site Administrative Procedure APN-2A "Responsibilities of Station or Unit Organization", and has determined that revisions are not necessary. Niagara Mohawk, therefore, considers this item complete.
1.1.4	Source of Plant Information Necessary to Conduct the Review	Information provided in Section 1.2.	No change.

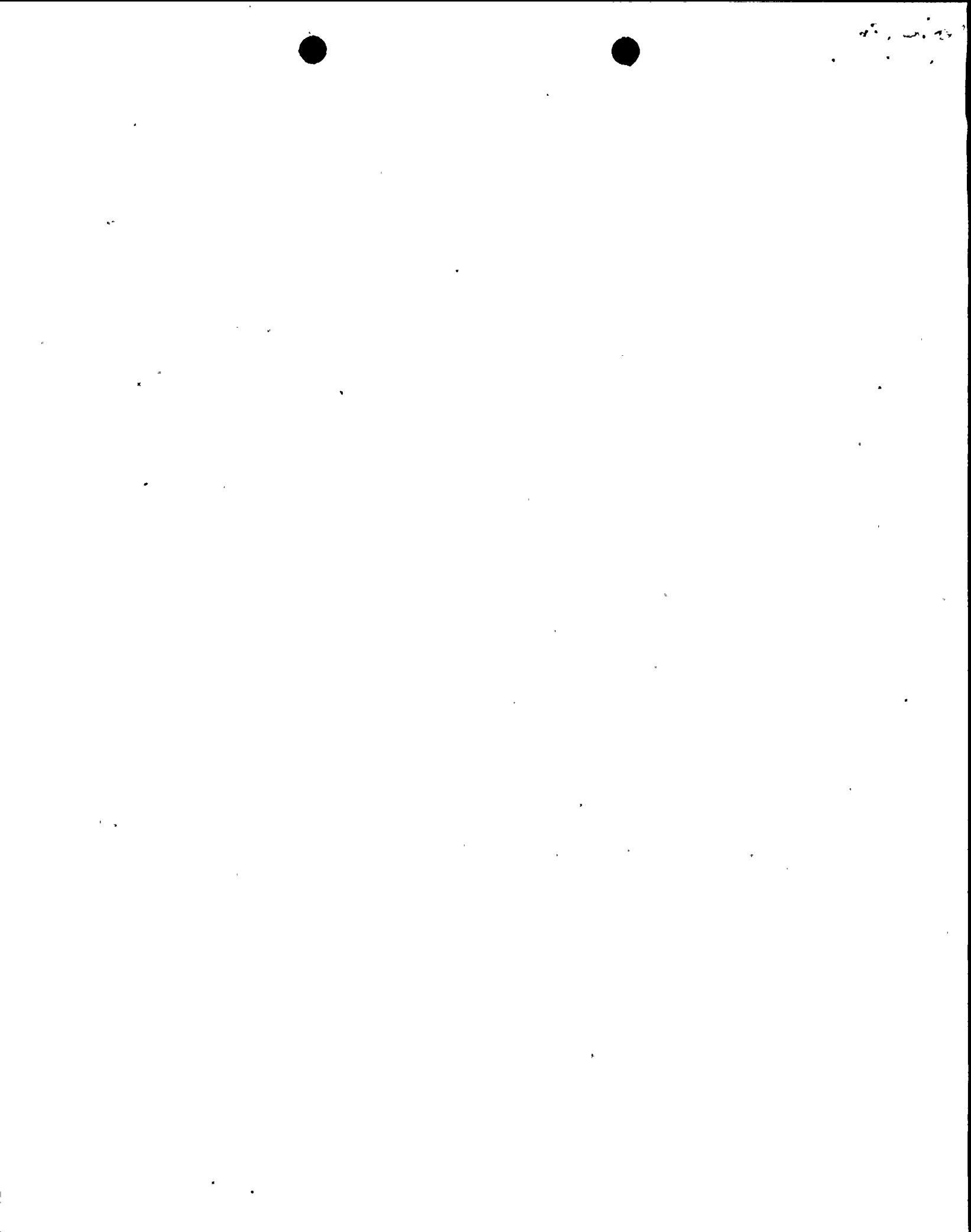


<u>Section</u>	<u>Title</u>	<u>February 29, 1984 Schedule</u>	<u>Comments/Status</u>
1.1.5	Methods and Criteria for Comparing Event Information with Known or Expected Plant Behavior	Review and revise procedures, if required, by April 30, 1984.	Niagara Mohawk has reviewed Reactor Analyst Procedure NI-RAP-6. Revision to clarify the methods and criteria for comparing plant behavior is required. This will be completed prior to startup from our current refueling outage.
1.1.6	Criteria for Determining the Need for Independent Assessment	Review and revise procedures, if required, by April 30, 1984.	Niagara Mohawk has reviewed and revised Site Administrative Procedure APN-3 to clearly state under what conditions an independent assessment is required. Reactor Analyst Procedure NI-RAP-6 has also been reviewed and will be revised prior to startup from our current refueling outage.
1.2.4	Schedule for any Planned Changes to Existing Data and Information	<ul style="list-style-type: none"> <li>-Analog Trend/History (Monitoring System) has been completed.</li> <li>-Software System Regeneration to be completed by November 1985.</li> <li>-Safety Parameter Display System (SPDS) has been implemented.</li> <li>-Piping and Instrumentation (P&amp;I) Diagrams being implemented on color displays..</li> </ul>	<p>The schedule for software system regeneration remains the same.</p> <p>Modifications to the Safety Parameter Display System design may be required based on regulatory review. This review is in progress.</p> <p>The addition of Piping and Instrumentation Diagrams on the on the system is also in progress.</p>
2.1	Equipment Classification and Vendor Interface (Reactor Trip System)		
	Complete investigation of safety classification of reactor trip function components	Upgrade of Equipment Classification List (Q-List) to be completed by December 1984.	This program is in progress and is expected to be completed on schedule.
	Review maintenance procedures to assure any classification information is correct.	To be completed by November 1984.	This item is expected to be completed on schedule.

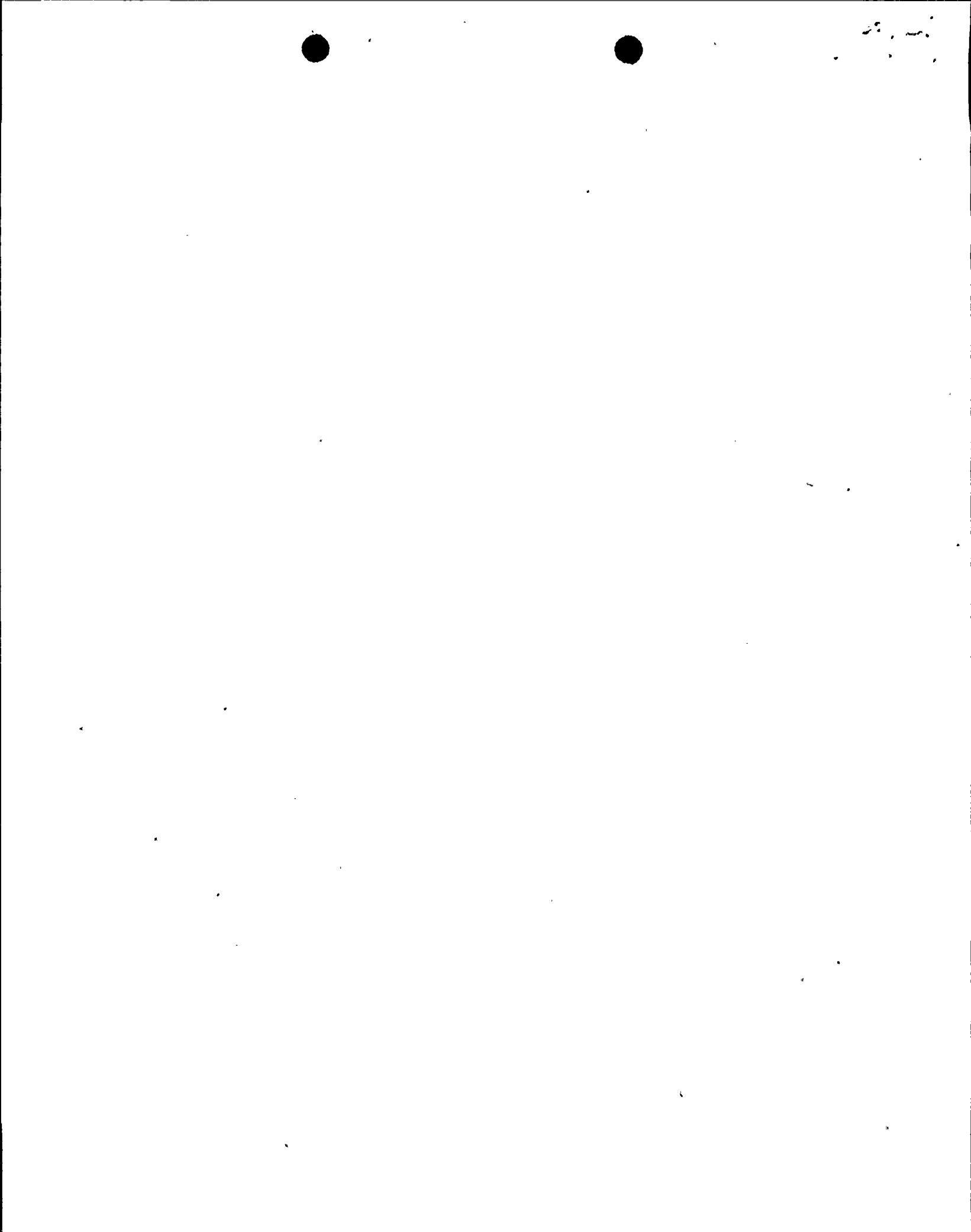




<u>Section</u>	<u>Title</u>	<u>February 29, 1984 Schedule</u>	<u>Comments/Status</u>
2.1 (cont'd)	Address GE SILs, NRC and INPO information documents pertaining to the reactor trip system	Review of documents completed. Address open items by May 1, 1984.	During the review process, Niagara Mohawk discovered that some General Electric Service Information Letters and NRC and INPO information documents had not been addressed. Each of these were subsequently addressed and resolved. Niagara Mohawk, therefore, considers this item complete.
	Complete audit of technical manuals controlled copies	Scheduled for completion by May 1, 1984.	Niagara Mohawk has completed the audit of controlled copies of technical manuals. As a result, open items were identified which require resolution. These items will be completed by January 30, 1985.
	Evaluate Boiling Water Reactor Owners Group options and develop action plan pertaining to reactor trip system	Scheduled for completion by April 30, 1984.	Niagara Mohawk is in the process of finalizing our action plan. However, additional time is required. Therefore, completion of this item has been rescheduled for June 30, 1984.
	Obtain description of General Electric's information programs	Schedule for completion by April 30, 1984.	Niagara Mohawk has obtained a description of General Electric's information programs and have included them as Attachment #1. Niagara Mohawk, therefore, considers this item complete.
	Evaluation of General Electric's method of classifying equipment and revise engineering procedures if appropriate	Review and revise procedures, if required by April 30, 1984.	Niagara Mohawk has received General Electric's safety classification methodology and is in the process of reviewing it. Any revisions to our Engineering Procedures will be completed by September 1, 1984.
	Complete NMPC program on classification of components	Schedule for completion by December 31, 1984.	This program is in progress and is expected to be completed on schedule.
2.2	Equipment Classification and Vendor Interface (programs for all safety-related components)		



<u>Section</u>	<u>Title</u>	<u>February 29, 1984 Schedule</u>	<u>Comments/Status</u>
2.2.1.5	Review and revise, if necessary, engineering procedures to more specifically address environmental qualification of safety related electrical equipment	Part of continuing equipment environmental qualification program.	Remains the same.
2.2.1.6	Develop NMPC equipment classification program in conjunction with Utility Safety Classification Group	Participating with Utility Safety Classification Group for resolution.	Niagara Mohawk is an active participant in the Utility Safety Classification Group which is seeking generic resolution to the staff's concern in this regard.
2.2.2	Vendor Interface Program	Review Nuclear Utility Task Action Committee (NUTAC) final report and provide status, plan and schedules as appropriate by April 30, 1984.	Niagara Mohawk was an active participant in the Nuclear Utility Task Action Committee. This Committee's recommendations are, in general, an integral part of the Nine Mile Point Unit 1 Operations Assessment Program. Their final report is presently in review. Any revisions to the Operations Assessment Program will be completed by September 1, 1984.
3.1	Post Maintenance Testing (Reactor Trip System Components)		
	Review I&C Department procedures with respect to post-maintenance testing for reactor trip components	Scheduled for completion by May 31, 1984.	The review of the Nine Mile Point Unit 1 I&C Department procedures has been rescheduled for November 30, 1984.
	Review Maintenance procedures with respect to post-maintenance testing for reactor trip components	Scheduled for completion by November 30, 1984.	This item is expected to be completed on schedule.
	Review Technical Specifications with respect to post-maintenance testing for reactor trip components	Scheduled for completion by May 31, 1984.	This item is expected to be completed on schedule.



<u>Section</u>	<u>Title</u>	<u>February 29, 1984 Schedule</u>	<u>Comments/Status</u>
3.1.2	Review of vendor and engineering recommendations to ensure appropriate test guidance is included in test and maintenance procedures and technical specifications	Part of Section 2.1 to be completed by May 1, 1984.	The review of vendor and engineering test guidance recommendations has been rescheduled to August 1, 1984.
3.2	Post-Maintenance Testing (All other safety-related components)		
	Review I&C Department procedures with respect to post-maintenance testing for safety-related equipment	Scheduled for completion by November 30, 1984.	This item is expected to be completed on schedule.
	Review Maintenance Department procedures with respect to post-maintenance testing for safety-related equipment	Scheduled for completion by November 30, 1984.	This item is expected to be completed on schedule.
	Review Technical Specifications with respect to post-maintenance testing for safety-related equipment	Scheduled for completion by May 31, 1984.	This item is expected to be completed on schedule.
	Review of vendor and engineering recommendations to ensure appropriate test guidance is included in test and maintenance procedures and technical specifications.	Scheduled for completion by November 30, 1985.	This item is expected to be completed on schedule.



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<u>Section</u>	<u>Title</u>	<u>February 29, 1984-Schedule</u>	<u>Comments/Status</u>
4.5	Reactor Trip System Reliability (System Functional Testing)		
	Functional testing of scram pilot valves and backup scram valves	Review Boiling Water Reactor Owners Group final report and provide NMPC position by April 30, 1984.	The Boiling Water Reactor Owners Group final report on functional testing of scram pilot and backup scram valves has been received and is presently in review. The evaluation of their recommendations and development of Niagara Mohawk's position will be completed by August 1, 1984.
	Evaluate existing intervals for on-line functional testing required by technical specifications	Review Boiling Water Reactor Owners Group final report and provide NMPC position by April 30, 1984.	The Boiling Water Reactor Owners Group final report on functional testing intervals has been received and is in review. Niagara Mohawk will evaluate their recommendations and develop a position by August 1, 1984.



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## Attachment 1

### General Electric's Information Programs Description

Niagara Mohawk is a recipient of information from existing General Electric Company service advisory programs. This program consists of two major categories: (a) information regarding safety-related systems and components; and (b) technical information intended to enhance safety and non-safety related equipment reliability and improve plant performance. These programs include, but are not limited to:

- (a) 10CFR21 Reporting. The General Electric Company has established a reporting system to handle safety concerns that complies with the requirements of 10CFR21.
- (b) Customer (Urgent) Communications. In addition to the 10CFR21 reports, a procedure for handling urgent communications to BWR owner/operators has been established for use in providing fast notification of safety concerns. These communications are usually in the form of a short letter which provides a brief explanation and advice or precautionary measures to be observed to avoid potential operational hazards. As a result of their urgent nature, these communications are processed to operating plants by the most effective method, either by telephone or, if transmitted in written form, they will be followed up or preceded by a telephone call.
- (c) Service Information Letters (SILs). These documents provide recommendations for equipment modification, plant design improvements or changes to procedures to improve plant performance. They are distributed through the GE Domestic Apparatus and Engineering Service Operations (DAESO) or GE Nuclear Services Operation Regional Offices and are normally followed up by discussion during periodic service plan conferences.
- (d) Service Advice Letters (SALs). These documents are issued by GE Product Departments other than the San Jose based Nuclear Energy Product Departments and are used to provide notification of product problems and/or service information on a broad range of GE consumer and industrial products. Those SALs that are recognized by the issuing product department as applying to devices used in nuclear plants are specially identified and are flagged for distribution to all nuclear plants. These documents are distributed through the GE-DAESO District Office.
- (e) Turbine Information Letters (TILs). These documents are issued by GE's Large Steam Turbine Generator Department to provide descriptions of product problems/improvements and to recommend modifications that will mitigate problems or improve product performance. These documents are distributed through the GE-DAESO District Offices and are followed up by the Turbine Department to encourage implementation.

