
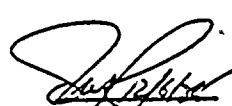
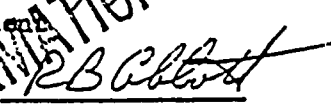
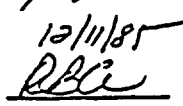
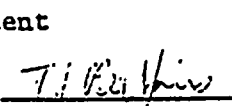
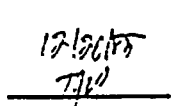
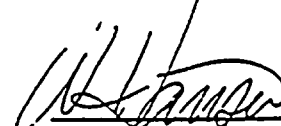
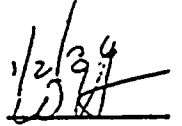


NINE MILE POINT NUCLEAR STATIONSITE ADMINISTRATIVE PROCEDURESPROCEDURE NO. AP-3.4.2OPERATIONS EXPERIENCE ASSESSMENT

| <u>APPROVALS</u> | <u>SIGNATURES</u> | <u>DATE AND INITIALS</u> | | |
|---|---|---|-------------------|-------------------|
| | | <u>REVISION 1</u> | <u>REVISION 2</u> | <u>REVISION 3</u> |
| Station Superintendent NMPNS Unit 1 T. W. Roman |  |  | _____ | _____ |
| Station Superintendent NMPNS Unit 2 R. B. Abbott |  | 12/11/85  | _____ | _____ |
| General Superintendent Nuclear Generation T. J. Perkins |  | 12/20/85  | _____ | _____ |
| Manager Q.A. Nuclear W. A. Hansen |  | 1/2/86  | _____ | _____ |

Summary of PagesRevision 1 (Effective 1/2/86)PAGES

2-5

1

DATE

December 1984

October 1985

NIAGARA MOHAWK POWER CORPORATION

THIS PROCEDURE NOT TO BE
USED AFTER JANUARY 1988
SUBJECT TO PERIODIC REVIEW.

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PDR ADDCK 05000410
PDR



AP-3.4.2

OPERATIONS EXPERIENCE ASSESSMENT

1.0 PURPOSE

This procedure describes the methods to be used in performing the Operations Experience Assessment and the feedback of Operations Experience to the station staff for Unit 1 and Unit 2.

2.0 REFERENCES

Appendix A, NUREG 0578 July 1979

Letter H. R. Denten, October 30, 1979

Enclosure to letter D. G. Eisenhower, May 7, 1980, Section I.C. 5, NUREG 0660

NUREG 0737, I.C. 5, D. G. Eisenhower letter October 31, 1980

3.0 PERSONNEL QUALIFICATIONS AND FUNCTION

The Nuclear Regulatory Commission has stated the following concerning operations experience assessment:

(Ref: Post TMI Correspondence)

The persons serving the operating experience assessment function must be dedicated to concern for the safety of the plant. Their function will be to evaluate plant operations from a safety point of view.

1. Engineering evaluation of the operating history of the plant (equipment failures, design problems, operations errors, etc.) and Licensee Event Reports from other plants of similar design, with suitable dissemination of the results of such evaluations to other members of the plant staff.
2. Engineering evaluation of plant conditions required for maintenance and testing.
3. Engineering evaluation of the adequacy of utility policy for maintenance, testing, equipment procurement, etc.
4. Engineering evaluation of continuing adequacy of plant operations quality assurance; and
5. Engineering evaluation of adequacy of plant emergency and operating procedures.



3.0

PERSONNEL QUALIFICATIONS AND FUNCTION (cont.)

The technical knowledge of those assessing operating experience should be diverse and encompass all technical areas important to safety. The types of problems that can affect safety include all areas related to the design and operation of nuclear power plants; e.g., mechanical, electrical and fluid systems and reactor physics, chemistry and metallurgy. Recognition and understanding of a problem and its significance requires some knowledge in the relevant technical specialties and cannot depend solely on the descriptions and judgements of the persons identifying and reporting the problem. Because of the broad scope of possible technical areas and the possible interactions of components, equipment and systems, the people engaged in operating experience review should have experience in areas usually designated as systems engineering. They should also be graduate engineers, or equivalent. In addition, because of the importance of operator actions in the safety of plant operations, familiarity with or routine access to persons with the principles of human engineering or human factors should be provided.

4.0

FEEDBACK OF OPERATING EXPERIENCE TO STATION STAFF

The Nuclear Regulatory Commission has stated the following concerning procedures for feedback of Operating Experience to the station staff:

(Ref: Item I.C. 5 NUREG 660 May 7, 1980)

It is important that information on operating experience originating both within and outside the organization is continually provided to operators and other personnel, and that it is incorporated into plant operating procedures and training and retraining programs.

Those involved in the assessment of operating experience will review information from a variety of sources. These include operating information from the licensee's own plant(s), publications such as IE Bulletins, Circulars and Notices, and pertinent NRC or industrial assessments of operating experience. In some cases, information may be of sufficient importance that it must be dealt with promptly (through instructions, changes to operating and emergency procedures, issuance of special precautions, etc.) and must be handled in such a manner to assure that operations management personnel would be directly involved in the process. In many other cases, however, important information will become available which should be brought to the attention of operators and other personnel for their general information to assure continued safe plant operation. Since the total volume of information handled by the assessment group may be large, it is important that assurance be provided that high priority matters are dealt with promptly and that discrimination is used in the feedback of other information so that personnel are not deluged with unimportant and extraneous information to the detriment of their overall proficiency. It is important, also, that technical reviews be conducted to preclude premature dissemination of conflicting or contradictory information.



5.0

TECHNICAL STAFF DESIGNEE FOR OPERATING EXPERIENCE ASSESSMENT

A member of the station staff designated to coordinate operating experience assessment shall be responsible that information for evaluation shall be compiled and analyzed. This information shall include:

1. Operating and Special Operating Procedures
2. Station Occurrence Reports
3. Station and Equipment Performance vs. Design Objective
4. Programs for analysis of other than normal station operations
5. Reports by Operations and Maintenance personnel of difficulties encountered in completing their assigned work.
6. Licensee Event Reports from other stations (via INPO reports)
7. IE Bulletins, Circulars and Notices
8. Pertinent NRC or industrial assessments of Operating Experience.

6.0

PROCEDURE FOR DOCUMENTING ASSESSMENT

6.1

Operations experience assessment shall be the major agenda feature of a special S.O.R.C. meeting to be held at least once every two months. For these meetings the following shall be added to S.O.R.C. membership:

Vice President of Nuclear Generation as available
Representative of Nuclear Engineering and Licensing
Reactor Analyst Supervisor
Supervisor Operations or Alternate
Supervisor Computer Operations and Maintenance
(Systems Engineering Specialist) or Alternate
Assistant Station Shift Supervisor (STA)
Supervisor Quality Assurance - Operations or Alternate
Staff member designated for operating experience assessment or alternate
Superintendent Training or Alternate

When items concerning station modifications are on the agenda, the chairman may request the attendance of qualified consultants from the system engineering department.



6.2 The agenda for the special meeting shall consider the five items enumerated in Section 3.0. The coordinator will prepare a draft report for presentation to the meeting and a final report following the meeting. The purpose of the report will be to summarize the operations experience applicable to the station accumulated since the last meeting, and to document the action taken at the station as a result of this operating experience. A suggested outline is as follows:

1. Review of significant information received from outside the station applicable to station operation, maintenance, testing, or modification. Report action taken and pending.
2. Safety significant equipment malfunctions at the station, corrective action taken and pending and long term corrective action taken and pending.
3. Trends developed from testing or operational surveillance short and long term action taken and pending.
4. Summary of nuclear reactor core operations including flux monitoring, instrumentation, control blade operating experience, off gas and water contamination trends. Analysis of operations and action pending.
5. Summary of operating problems which were or might be resolved by procedure change or addition; equipment, instrumentation or control change or addition; or organization change. Resolution and/or proposed resolution.

6.3 The final bimonthly operating experience assessment report shall be contained in the minutes of S.O.R.C. for review by the SR&A Board and members of the station staff.

7.0 PROCEDURE FOR FEEDBACK OF ASSESSMENT

Operations Experience Assessment and feedback to the station staff is an integral part of the normal operations and maintenance of the Nine Mile Point Nuclear Station.

7.1 EQUIPMENT OR SYSTEM MALFUNCTIONS

All members of the station staff are required to promptly report any system or component malfunction which may come to their attention. Detailed procedures for production and approval of work requests for corrective action are included in AP-5.0.

7.2 INFORMATION FROM OUTSIDE OF THE STATION

The training superintendent and his staff regularly study and evaluate licensee event (via INPO reports) and other significant event reports concerning other nuclear power stations. Significant events are covered in the operator qualification or re-qualification presentations.



7.2

INFORMATION FROM OUTSIDE OF THE STATION (cont.)

The station supervisor designated for operating experience assessment is assigned to study publications such as I.E. Bulletins, Circulars and Notices and pertinent NRC or industrial assessments of operating experience. Items requiring response or investigation are promptly forwarded to an appropriate station supervisor.

7.3

STATION OCCURRENCE REPORTS, SCRAM REPORTS

Whenever there are occurrences at the station which involve a variation from normal plant operations or constitute an occurrence which may be reportable to the NRC, an occurrence report or scram report is generated by the person most closely associated with the event. Detailed procedures for handling this type of report are included in AP-10.0. All occurrence reports and scram reports are reviewed by S.O.R.C. and where required licensee event reports are made and transmitted through the Vice-President Nuclear Generation to the NRC, the Station Superintendent shall be responsible that a description of the event and the results of any subsequent evaluation is distributed to the Operations Supervisor and other staff supervisors who may be concerned with the event. The staff supervisors shall in turn be responsible that significant information concerning these events is made known to all station personnel who may encounter this or similar events in the course of their work.

