

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION

UNIT II OPERATIONS

02-REQ-009-402-2-02-0 Revision 0

07-190-91

TITLE: REQUAL SIMULATOR LESSON PLAN (RSLP-II-90)

	<u>SIGNATURE</u>	<u>DATE</u>
PREPARER	<u>[Signature]</u>	<u>1/25/90</u>
TRAINING SUPPORT SUPERVISOR	<u>[Signature]</u>	<u>1/25/90</u>
TRAINING SUPERVISOR	<u>[Signature]</u>	<u>1/25/90</u>
PLANT SUPERVISOR	<u>[Signature]</u>	<u>1/27/90</u>

Summary of Pages

(Effective Date: 1/29/90)

Number of Pages: 4

<u>Date</u>	<u>Pages</u>
January 1990	1 - 4

MASTER COPY

TRAINING DEPARTMENT RECORDS ADMINISTRATION ONLY:

VERIFICATION: _____
DATA ENTRY: _____
RECORDS: _____

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I. TRAINING DESCRIPTION

- A. Title of Lesson: Requal Simulator Lesson Plan (RSLP-II-90)
- B. Lesson Description:
1. To provide the operators with experience in operating the plant during normal, off-normal, and emergency conditions. All applicable procedures and technical specifications will be utilized in the prescribed sequence.
 2. Provide for oral review of questions pertinent to system operation, and allows for completion of scheduled manipulations per V.0.1 through 4.
- C. Estimate of the Duration of the Lesson: Approximately 8.0 hours
- D. Method of Evaluation, Grade Format, and Standard of Evaluation:
Demonstration/Practice/Team Training, Pass/Fail
- E. Method and Setting of Instruction: Nine Mile Point Unit #2 Simulator
- F. Prerequisites:
1. Instructor:
 - a. Will be certified in technical and instructional skills as per NTP-16
 - b. Will be certified as a simulator instructor as per NTP-16.1
 2. Trainee:
 - a. As designated by Operations Superintendent or
 - b. Designated by NMP2 Operations Training Supervisor
- E. References
1. NMP2 Operating Procedures
 2. NMP2 Emergency Operating Procedures
 3. Site Emergency Plan
 4. NMP2 Technical Specifications
 5. NMP2 Operating Surveillance Procedures
 6. NMP2 Operations Department Instructions
 7. NMP2 Requalification Program Action Plan, Rev.2 (NMP2L 1223)



II. REQUIREMENTS AND PREREQUISITES

A. Requirements

1. NTP-11, Rev. 7: Licensed Operator Retraining and Continuing Training
2. AP-9.0, Rev. 2: Administration of Training
3. NTI-4.3.1, Rev. 2: Development, Implementation and Evaluation of Simulator Training

III. TRAINING MATERIALS

A. Instructor Materials:

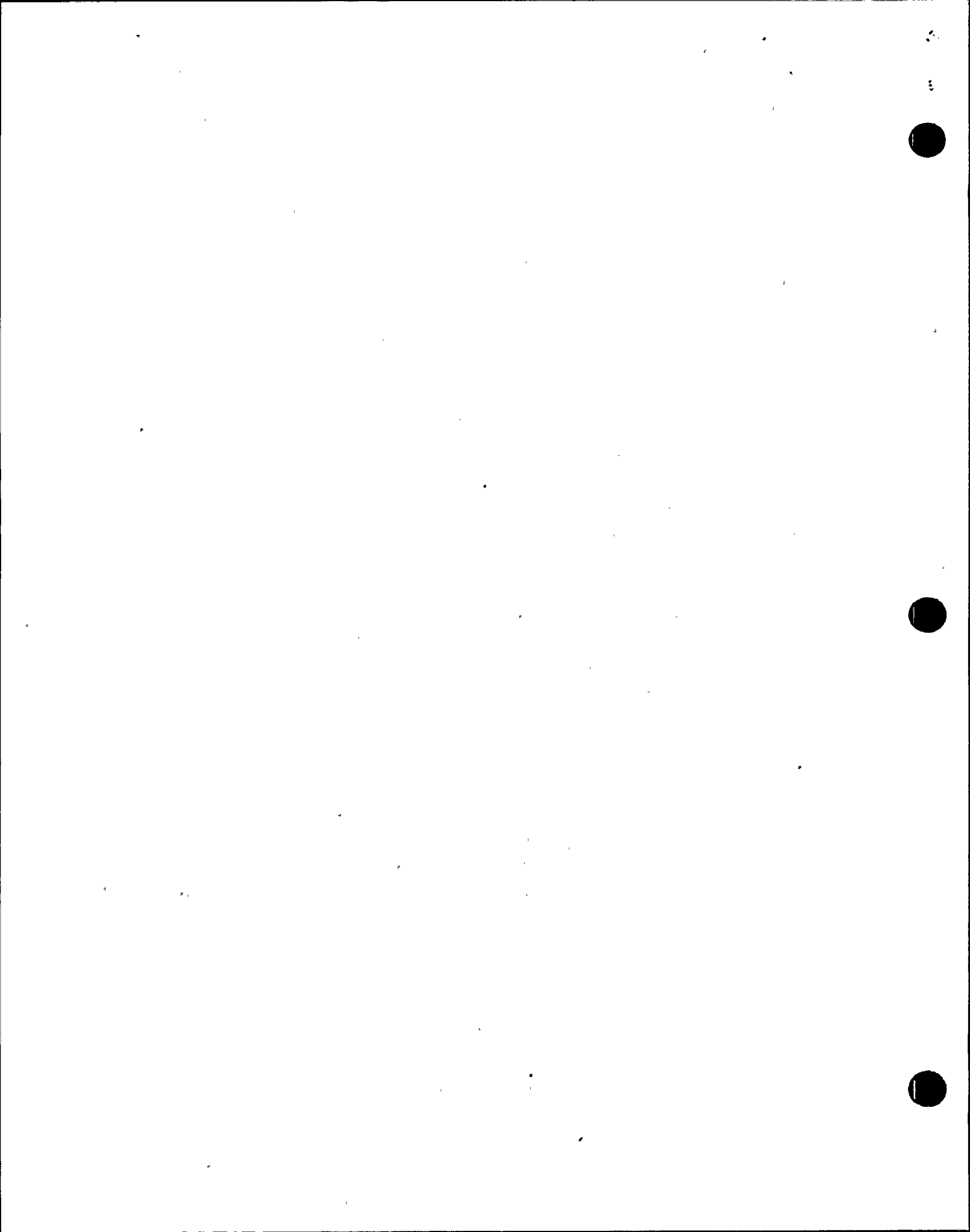
1. "Malfunction Cause and Effects" Book
2. NTI-4.3.1, Rev. 2: Development, Implementation and Evaluation of Simulator Training
3. Simulator Scenarios
 - a. 02-REQ-009-TRA-2-~~01~~⁰² *JMS*
 - b. 02-REQ-009-IDY-2-05
 - c. 02-REQ-009-IDY-2-11

B. Trainee Materials:

1. Nine Mile Point Site Emergency Plans & Procedures
2. Nine Mile Point Unit #2 Operating Procedures
3. Nine Mile Point Unit #2 Technical Specification
4. Nine Mile Point Unit #2 Operator Surveillance Tests
5. Nine Mile Point Administrative Procedures
6. Niagara Mohawk Safety Handbooks
7. Nine Mile Point Unit #2 Reference Drawings

IV. EXAM AND MASTER ANSWER KEYS

- A. Evaluation conducted each cycle.
- B. Observations will be conducted by management personnel to aid in identifying and correcting weaknesses in crew performance, STA performance, and EOP usage/implementation.
- C. Evaluations will be conducted by Unit 1 Operations instructor(s) on a quarterly basis.



V. LESSON OBJECTIVES (GENERAL)

T.O. As described in the applicable Simulator Scenario(s).

- A. Locate and use correctly NMP-2 Operating Procedures (N2-OP) associated with Requalification Simulator Lesson Plan.
- B. Locate and use correctly NMP-2 Technical Specifications applicable to Requalification Simulator Lesson Plan.
- C. Locate and use correctly NMP-2 Operating Surveillance Procedures (N2-OSP's) associated with Requalification Simulator Lesson Plan.
- D. Locate and use correctly NMP-2 Emergency Operating Procedures (N2-EOP's) applicable with Requalification Simulator Lesson Plan.
- E. Locate and use correctly NMP Administrative Procedures (AP's) associated with Requalification Simulator Lesson Plan.
- F. Locate and use correctly the Site Emergency Plan (SEP).
- G. Identify normal and/or off normal trends utilizing control board indications.
- H. Demonstrate effective communications and good team work in accordance with N2-ODI-1.06 verbal communications. (Requal Action Plan - 4.B.3, 4.B.4, 4.B.5, 9.B.5, 9.B.6, 9.B.7)
- I. Confirm equipment responses are consistent with control actions (NRC IR 50-410/88-01).
- J. Demonstrate "Self-Verification" work practice technique for all control actions in accordance with N2-ODI-5.08 (LER 88-50).
- K. (SRO Only) Actively direct other team members using good leadership skills.
- L. Effectively demonstrate the roles and responsibilities of an SRO, STA, RO, SEPC per N2-ODI-1.08. (Requal Action Plan - 9.B.5, 9.B.6 and 9.B.7)
- M. (SRO only) Effectively demonstrate command and control, place keeping techniques and use of Operators per N2-ODI-1.09 EOP users guide. (Requal Action Plan - 6.B.4 and 6.B.5)
- N. Specific exercise objectives are contained within each exercise.
- O. Perform required plant manipulations in accordance with NTI-4.3.1.
 - 1. A.10 Loss of Electrical Power or Degrade power sources
 - 2. B.05 Loss of Protective System channel
 - 3. B.07 Inability to drive control rods
 - 4. B.08 Failure of Reactor to scram

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