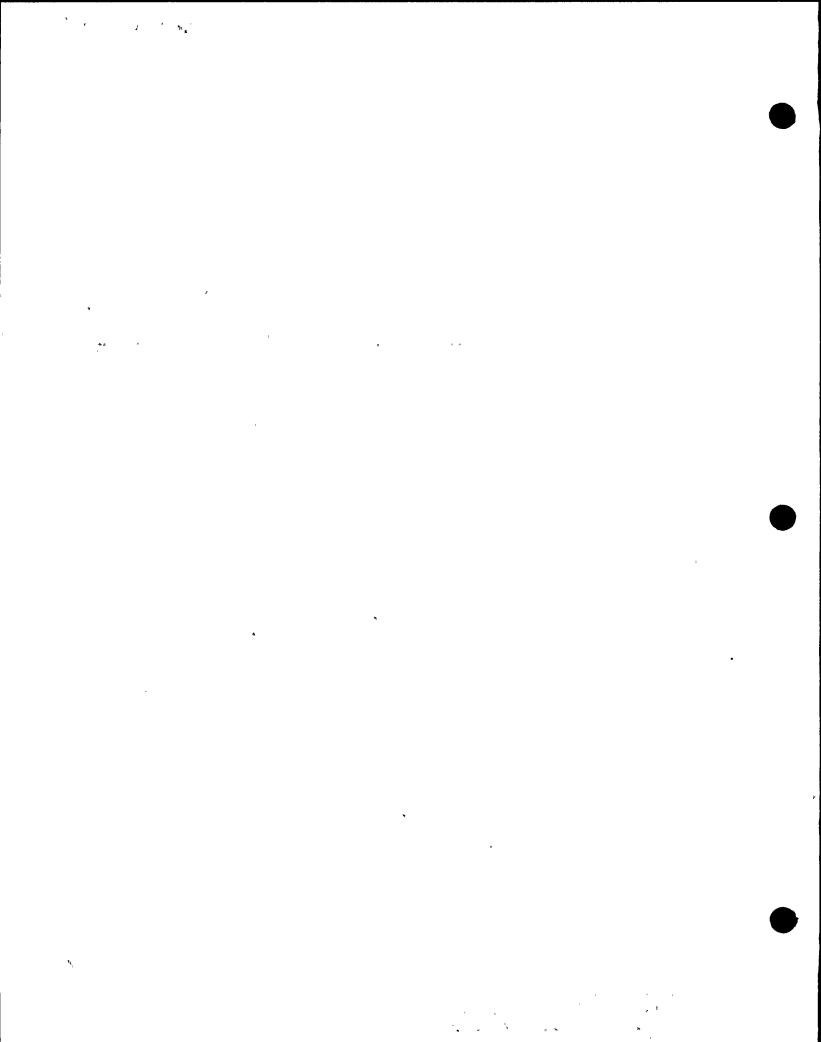
NINE MILE POINT NUCLEAR STATION UNIT II OPERATIONS

CYCLE C16 90/91

Prepared By: Unit 2 Training Department

DATE AND INITIALS **APPROVALS** SIGNATURES REVISION O Training Supervisor Requal - Unit 2 8/15/51 M 8/15/51 M J. G. Reid Senior Training Superviso Nuclear - Unit 2 R. K. Slade General Supervisor Operations Unit 2 J. Helker Summary of Pages Revision: 0 (Effective Date: 8/15/91 Number of Pages: 3 Date <u>Pages</u> Augus NIAGARA MOHAWK POWER CORPORATION



LICENSED OPERATOR REQUALIFICATION TRAINING CYCLE C16 - 90/91

I. TRAINING DESCRIPTION

A. Title: Licensed Operator Requalification Program Cycle 16 90/91 Schedule (August 26, 1991 - October 4, 1991).

B. , Purpose:

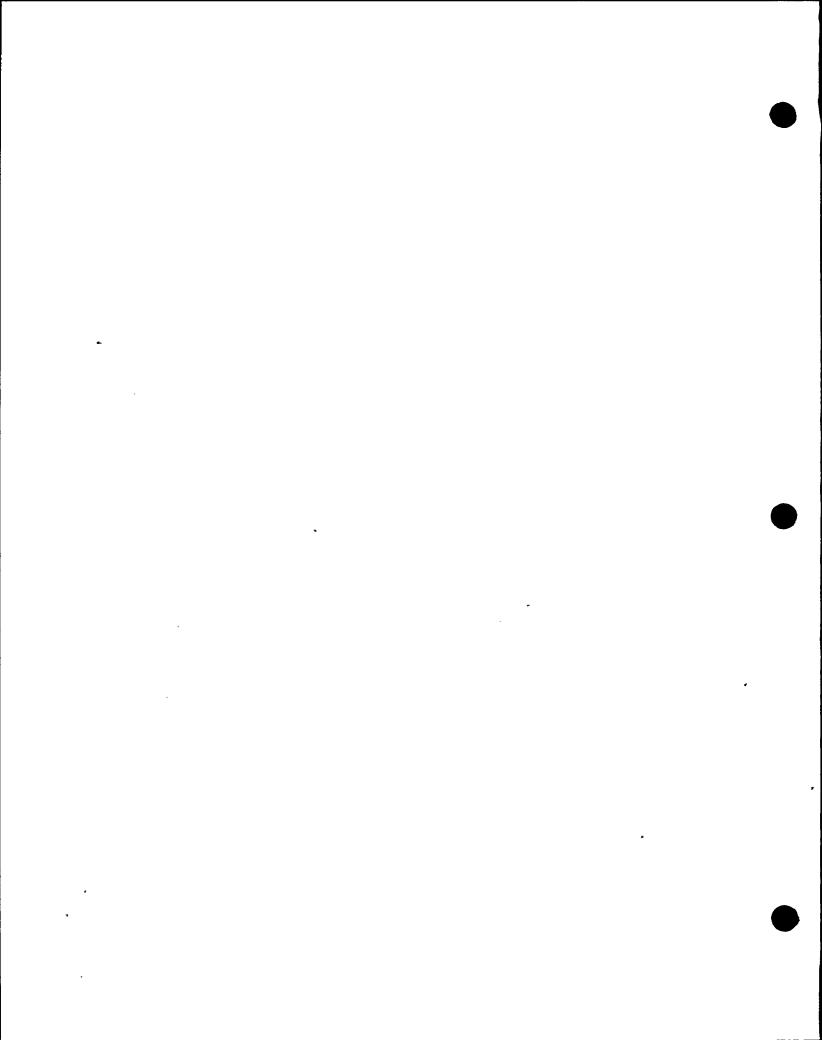
- 1. To provide training to the License Holder on the following:
 - a. Systems Automatic Depressurization System, Reactor Water Cleanup System, Low Pressure Core Spray and Digital Radiation Monitoring System.
 - b. Procedures EPP 20, EOP's Primary Containment Control, significant industry events and procedural changes since last requal cycle.
 - c. Simulator Training to include but not limited to dynamic scenarios, labs and required manipulations.
 - d. Tasks Emergency and in plant JPM's.
 - e. Admin/Misc. AP-6.5, Control of Testing (SOER 87-01)
- C. Estimated Duration: Approximately 37 Hours

II. REQUIREMENTS/PREREQUISITES

- A. Requirements for Class:
 - 1. AP-9.0, Administration of Training
 - 2. NTP-11, Licensed Operator Requalification Training
 - 3. NTP-18, STA and SRO Certification Programs
 - 4. 10CFR55.59, Code of Federal Regulations (Energy) Requalification
 - 5. Attendance is required for all training sessions for the purpose of maintaining an NRC License unless annotated by an asterisk (*) on Attachment 1.
 - 6. SRO Certified Instructors are required to attend all classroom training sessions with the exception of EPP-20 and AP-6.5 and those annotated with an asterisk (*) on Attachment 1.
 - 7. STA's are required to attend all training sessions with shift personnel during their designated requal week as indicated on Attachment 1.

Cycle C16 90/91 Schedule -1 August 1991

UNIT 2 OPS/2417



B. Prerequisites for Class:

1. Instructor:

- a. Classroom Instructors shall be qualified in accordance with NTP-16.
- b. Simulator Instructors shall be qualified in accordance with NTP-16.1.

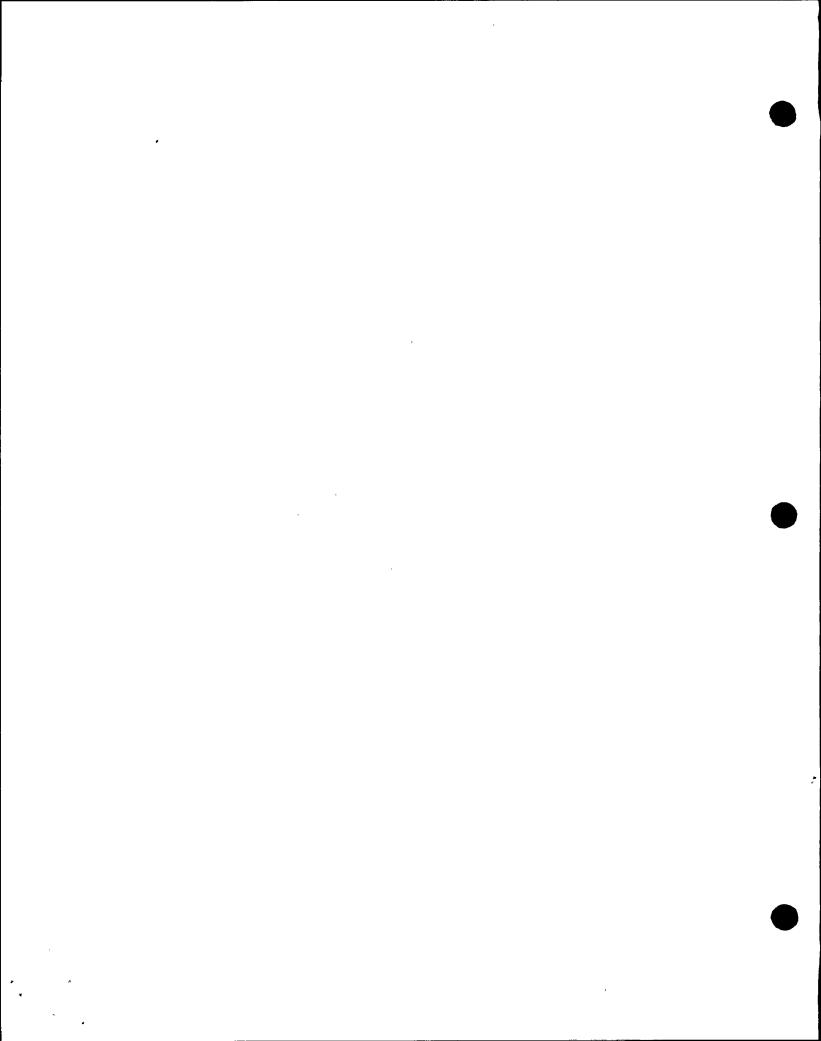
2. Trainee:

- a. As directed by NTP-11, Licensed Operator Requalification Training.
- b. As directed by NTP-18, STA and SRO Certification Programs.

III. TRAINING MATERIALS

A. The following lesson plans/training materials will be required.

١.	02-REQ-001-218-2-01	Rev. 4, Automatic Depressurizațion
•		System
2.	02-REQ-001-204-2-00	Rev. O, Reactor Water Cleanup System
3.	O2-REQ-001-209-2-00	Rev. 4, Low Pressure Core Spray System
4.	O2-REQ-001-272-2-01	Rev. O, Digital Radiation Monitoring
		System
5.	02-REQ-007-353-2-16	Rev. O, Significant Event Review
6.	O2-REQ-006-341-2-16	Rev. O, Procedure Changes
7.	O2-REQ-009-TRA-2-13	Rev. 1, Training Scenario
8.	O2-REQ-009-TRA-2-18	Rev. 1, Training Scenario
9.	O2-REQ-009-TRA-2-6	Rev. 1, Training Scenario
10.	O2-REQ-009-TRA-2-8	Rev. 1, Training Scenario
11.	O2-REQ-009-TRA-2-11	Rev. 1, Training Scenario
12.	02-REQ-009-TRA-2-45	Rev. O., Training Scenario
13.	O2-REQ-007-353-2-24	Rev. 0, AP-6.5 Control of Testing
	»	(SOER 87-01)



IV. EXAMS AND ANSWER KEYS

- A. 'Examinations will be on permanent file with the dedicated OPS Clerk.
 - 1. Classroom written Exam-O2-REQ-C16-EXM-2-01.

Note: Six different exams will be used under this Training ID #. Each exam will differ by greater than 25% from the preceding weeks exam.

- 2. Evaluated Scenarios
 - a. O2-REQ-009-IDY-2-15, Rev. 3, ATWAS/Fuel Failure
 - b. O2-REQ-009-IDY-2-22, Rev. O, Loss of Stator Water Cooling/Small Leak in Drywell
- 3. Job Performance Measures
 - a. O2-REO-SJE-C16-2-00, Various
 - b. O2-REQ-PJE-C16-2-00, Various
 - 4. Simulator Static Exam O2-REQ-009-IST

V. LESSON OVERVIEW

- A. As set forth in Attachment 1 Unit 2 License Requal Training Schedule.
- B. Instructors Responsible (Lead) for Training Sessions are designated by initials on Attachment 1.

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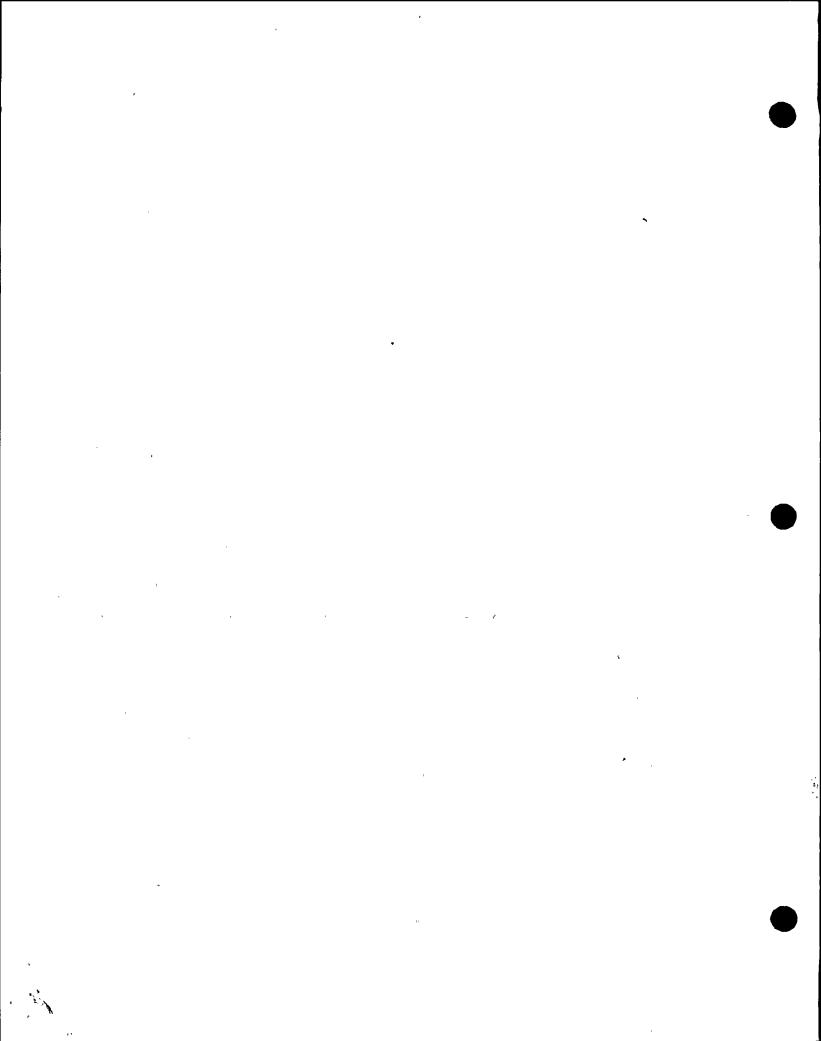
Unit 2 License Requal Training Schedule

Α	Si	nif	t

Monday 8/26	Tuesday 8/27	Wednesday 8/28	Thursday 8/29	Friday 8/30
07:30 Simulator Training/Lab EOP's DP	07:30 Simulator Training	07:30 Simulator Training	07:30 Simulator Evals & Assessments	07:30 Sig. Event Review RB 08:45
10:30 Emergency JPM's (*)	lead:EP console:JT	lead:BH console:EP	lead:DP floor:JT console:MB	Written Exam MB 10:30 Static Exam MB
		l u n c h		TID.
12:00 DRM System MB	12:00 Reactor Water Cleanup System BH	12:00 Procedure Changes DP	12:00 EPP 20 RB 13:30 AP 6.5, Control of Testing (SOER 87-01)	12:00 Emergency JPM's/Makeup RB BH
14:00 Low Pressure Core Spray System JT	14:00 Automatic Depressurization System	In-Plant JPM's (*)		14:00 OPS Meeting (*)

- 1. All classroom lectures will be conducted in D1/D3.
- 2. Attendance is required for all training sessions for the purpose of maintaining an NRC license unless annotated by an asterisk (*).

 3. STA's will attend all training sessions required for license holders.



Unit 2 License Requal Training Schedule 🕟

Staff	Shift	1
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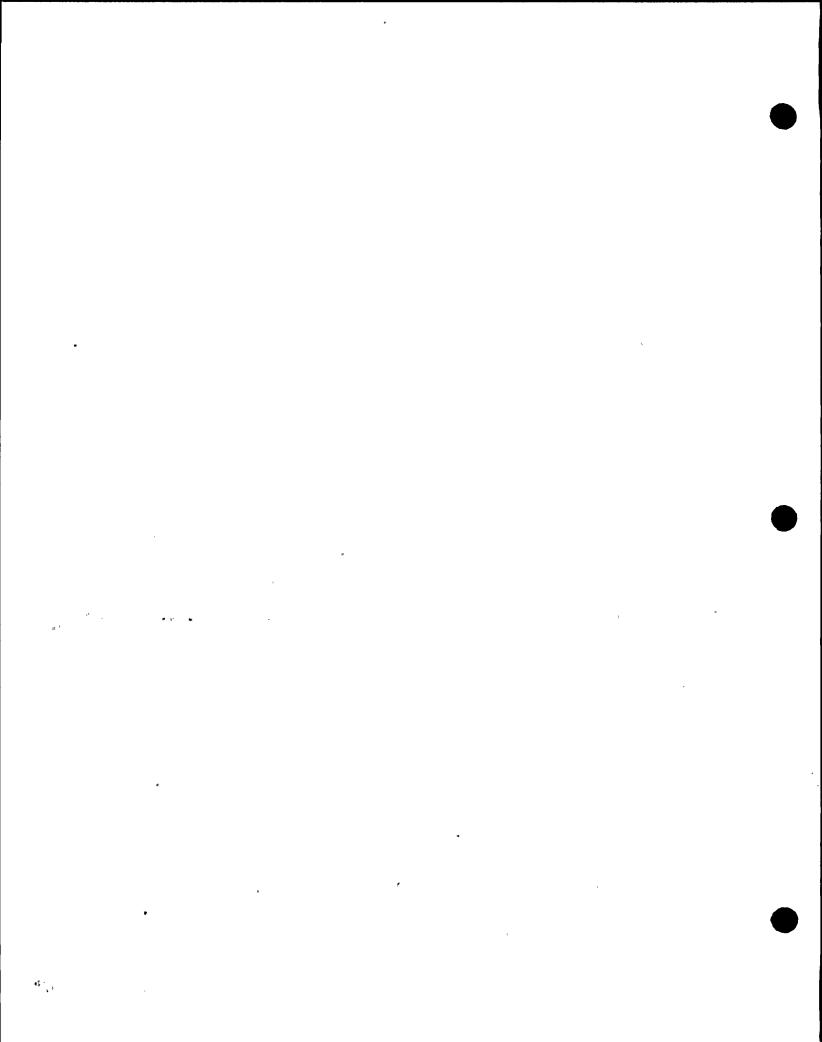
Monday 8/26	Tuesday 8/27	Wednesday 8/28	Thursday 8/29	Friday 8/30
07:30	07:30	07:30	07:30	07:30
DRM System	Reactor Water Cleanup System	Procedure Changes	EPP 20	Sig. Event Review RB 08:45
10:00	ВН	09:00 DP In-Plant JPM's (*)	09:30	Written Exam
Low Pressure Core Spray System	10:00 Automatic Depressurization		AP 6.5, Control of Testing (SOER 87-01)	мв 10:30
JT	System MB	ЈТ/МВ	EP	Static Exam MB
		l u n c h		
12:00	12:00	12:00	12:00	12:00
Simulator Training/Lab EOP's DP	Simulator Training	Simulator Training	Simulator Evals & Assessments	Emergency JPM's/Makeup RB BH
14:00 Emergency JPM's (*)	lead:EP console:JT	lead:BH console:EP	lead:DP floor:BH console:MB	14:00 OPS Meeting (*)

1. All classroom lectures will be conducted in D1/D3.

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2. Attendance is required for all training sessions for the purpose of maintaining an NRC license unless annotated by an asterisk (*)

3. STA's will attend all training sessions required for license holders.



Unit 2 License Requal Training Schedule D Shift

	ų	<u>D Snitt</u>		
Monday 9/02	Tuesday 9/03	Wednesday 9/04	Thursday 9/05	Friday 9/06
H O	07:30 Simulator Training/Lab EOP's	07:30 Simulator Training	07:30 Simulator Evals & Assessments	O7:30 Sig. Event Review RB O8:45 EPP 20 RB
L	DP	lead:BH console:EP	lead:DP floor:JT console:MB	10:00 AP 6.5, Control of Testing (SOER 87-01) EP
<u> </u>		LUNCH		
		r o n c h		
D	12:00 DRM System	12:00 Simulator Training	12:00 Reactor Water Cleanup System	12:00 Written Exam
A	DRM System 14:00 Low Pressure Core Spray	12:00 Simulator	Reactor Water	Written
A	DRM System 14:00 Low Pressure	12:00 Simulator Training lead:DP console:MB	Reactor Water Cleanup System 14:00 Automatic Depressurization	Written Exam MB 14:00 Static

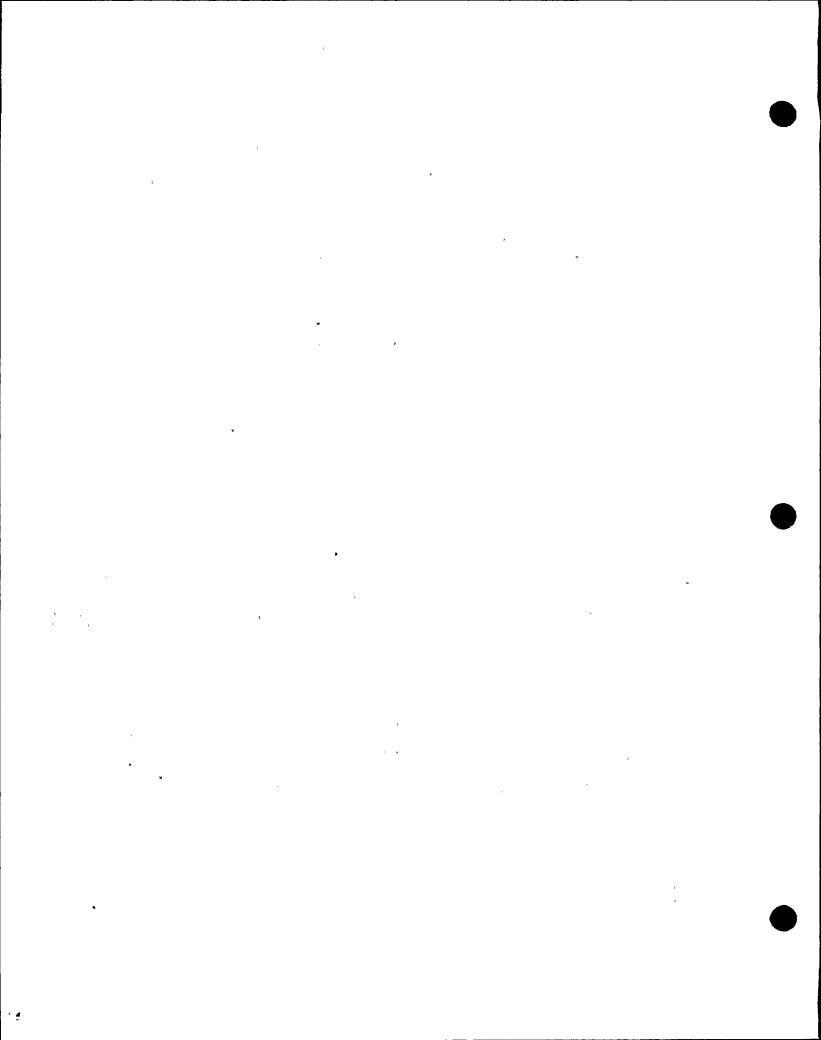
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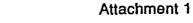
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Attachment 1 Unit 2 License Requal Training Schedule

ē.		E Shift		
Monday 9/09	Tuesday 9/10	Wednesday 9/11	(Thursday 9/12	Friday 9/13
07:30	07:30	07:30	07:30	07:30 Sig. Event
Simulator Training/Lab EOP's DP	Simulator Training	Simulator Training	Simulator Evals & Assessments	Review RB 08:45
10:30		-		Written Exam MB
Emergency JPM's (*)		,		10:30
RB	lead:EP	lead:BH	lead:DP floor:JT	Static ;
BH	console:JT	console:EP	console:MB	Exam MB
		LUNCH		
12:00	12:00	12:00 ⁻	12:00	12:00
DRM System	Reactor Water Cleanup	Procedure Changes	EPP 20	Emergency JPM's/Makeup
. MB		DP .	13:30 AP 6.5, Control of Testing (SOER 87-01)	RB BH
мв 14:00			AP 6.5, Control of Testing	
•	System BH	13:00	AP 6.5, Control of Testing	. Вн

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Unit 2 License Requal Training Schedule Chaff Chiff 2

			Staff Shift	12				
Monday 9/09	9	Tuesday 9/10	Wednesday 📜 9/	11	Thursday	9/12	Friday	9/13
07:30		07:30	07:30	•	07:30		07:30 Sig. Event	, -
DRM System		Reactor Water Cleanup System	Procedure Changes		EPP 20	RB	Review 08:45	RB
10:00	МВ	ВН	09:00 In-Plant JPM's	DP	09:30		Written Exam	мв
Low Pressure Core Spray		10:00 Automatic	In-Plant JPM's	5 (*)	AP 6.5, Cor of Testing (SOER 87-01		10:30	MD ,
System	700	Depressurization System MB	.70	T/MB	(3028 07-01	EP	Static Exam	мв
· ·	JT	טניו	l U	1/1/10		L .		
	JT		r n n c			П		
12:00	JT				12:00	Er .	12:00	n.
12:00 Simulator Training/Lab EOP's	DP		L U N C		12:00 Simulator Evals & Assessments		12:00 Emergency JPM's/Maker	up RB BH
12:00 Simulator Training/Lab EOP's		12:00 Simulator	LUNC 12:00 Simulator		Simulator Evals & Assessments		Emergency	RB
12:00 Simulator Training/Lab EOP's		12:00 Simulator	LUNC 12:00 Simulator Training	à ₩	Simulator Evals & Assessments		Emergency JPM's/Make	RB BH

- 1. All classroom lectures will be conducted in D1/D3.
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Unit 2 License Requal Training Schedule

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F	Sh	ift
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Monday 9/10	6,	Tuesday 9/17	Wednesday 9/18	Thursday 9/18	Friday 9/19
O7:30 Simulator Training/Lab EOP's 10:30 Emergency JPM's(*)	DP	07:30 Simulator Training	07:30 Simulator Training	07:30 Simulator Evals & Assessments	07:30 Sig. Event Review RB 08:45 Written Exam MB 10:30
	DP EP	lead:JT console:RB	lead:EP console:MB	lead:DP floor:JT console:BH	Static Exam MB
			LUNCH		
12:00		12:00	12:00	12:00	12:00
,	, MB	Reactor Water Cleanup System BH	Procedure Changes DP	EPP 20 RB 13:30 AP 6.5, Control of Testing (SOER 87-01)	Emergency JPM's/Makeup DP EP
14:00	*	14:00	In-Plant JPM's (*)		14:00
Low Pressure Core Spray System		Automatic Depressurization System	,		OPS Meeting (*)
	JT	MB	· RB/BH	EP	

- 1. All classroom lectures will be conducted in D1/D3.
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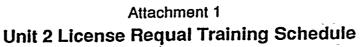
Unit 2 License Requal Training Schedule

Staff Shift 3

Monday 9/16	Tuesda	y 9/17	Wednésday	9/18	Thursday	9/19	Friday	9/20
07:30	07:30		07:30	_	07:30		07:30	
DRM System	Reactor Cleanup System	Water	Procedure Changes		EPP 20 .	RB	Sig. Event Review 08:45	RB
10:00	MB -	BH	09:00	DP			Written	1
Low Pressure	10:00		In-Plant J	PM's (*)	09:30 AP 6.5, Co	ntrol	Exam .	MB
Core Spray System	Automati	_			of Testing		10:30	
System ,	Depressu System	rization	-		(SOER 87-0)	1)	Static	
	TT 2	МВ		RB/BH	-	EP	Exam	МВ
			ร ก ท [ี]	C H				
12:00	12:00		12:00		12:00		12:00	
Simulator Training/Lab EOP's	Simulato Training		Simulator Training		Simulator Evals & Assessments		Emergency JPM's/Makeu	ıp DP EP
	DP EP c	lead:JT console:RB		lead:EP sole:MB	£	lead:DP loor:MB sole:BH	14:00 OPS Meeting (*)	

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C Shift

Monday 9/23	Tuesday 9/24	Wednesday 9/25	Thursday 9/26	Friday 9/27
07:30 Simulator Training/Lab EOP's	07:30 Simulator Training	07:30 Simulator Training	07:30 Simulator Evals & Assessments	07:30 Sig. Event Review RB 08:45
10:30 Emergency				Written Exam MB 10:30
JPM's (*) RB BH	lead:RB console:DP	lead:EP console:BH	lead:DP floor:JT console:MB	Static . Exam . MB
		LUNCH)
12:00	12:00	12:00	12:00	12:00
DRM System MB	Reactor Water Cleanup System BH	Procedure Changes DP	EPP 20 RB 13:30 AP 6.5, Control of Testing (SOER 87-01)	Emergency JPM's/Makeup RB BH
14:00	⁻ 14:00	In-Plant JPM's (*)	•	14:00
Low Pressure Core Spray System	Automatic Depressurization System			OPS Meeting (*)
JT	MB	JT/MB	EP	•

NOTES: .

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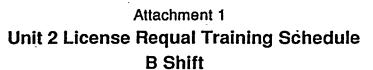
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Unit 2 License Requal Training Schedule

	Staff Shift 4			
Tuesday 9/24	(Wednesday 9/25	(Thursday 9/26	Friday 9/2	<u>?</u> 7
07:30	07:30	· 07:30	07:30	
Reactor Water Cleanup	Procedure Changes	EPP 20 RB	Review 08:45	RB
- Вн	09:00 DP In-Plant JPM's (*)	09:30	Written Exam	мв
Automatic		of Testing (SOER 87-01)	10:30	
System MB	јт/мв	EP	Exam	МВ
	LUNCH			
12:00	12:00	12:00	12:00	
Simulator Training	Simulator Training	Simulator Evals & Assessments	Emergency JPM's/Makeup	RB BH
•	·		14:00	
		1 2004.70	1	
	O7:30 Reactor Water Cleanup System BH 10:00 Automatic Depressurization System MB 12:00 Simulator	Tuesday 9/24 Wednesday 9/25 O7:30 Reactor Water Cleanup System BH O9:00 DP 10:00 Automatic Depressurization System MB JT/MB 12:00 I2:00 Simulator Simulator	Tuesday 9/24 Wednesday 9/25 Thursday 9/26 O7:30 O7:30 O7:30 Reactor Water Cleanup System BH O9:00 DP In-Plant JPM's (*) O9:30 AP 6.5, Control of Testing (SOER 87-01) System MB JT/MB EP 12:00 Simulator Training Simulator Evals & Assessments	Tuesday 9/24 Wednesday 9/25 Thursday 9/26 Friday 9/2 07:30 07:30 07:30 07:30 Sig. Event Review 08:45 Procedure Changes Procedure Procedure Changes Procedure

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Monday 9/30		Tuesday 9/31	Wednesday 10/1	Thursday 10/2	Friday 10/3
10:30	DP	07:30 Simulator Training	07:30 Simulator Training	07:30 Simulator Evals & Assessments	07:30 Sig. Event Review 08:45 Written Exam MB
	RB BH	lead:JT console:RB	lead:EP console:JT	lead:DP floor:MB console:BH	10:30 Static Exam
			r n c h		
12:00 DRM System	мв	12:00 Reactor Water Cleanup System BH	12:00 Procedure Changes DP	12:00 EPP 20 RB 13:30 AP 6.5, Control of Testing (SOER 87-01)	12:00 Emergency JPM's/Makeup RB BH
Low Pressure Core Spray System	JT	Automatic Depressurization System MB	In-Plant JPM's (*) BH/RB	EP	14:00 OPS Meeting (*)

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