



POLICY ISSUE (Information)

August 14, 1984

SECY-84-81B

For: The Commissioners

From: William J. Dircks
Executive Director for Operations

Subject: RESULTS OF OPERATOR LICENSING EXAMINATIONS AND REQUALIFICATION EXAMINATIONS FOR THIRD QUARTER FY 1984

Purpose: To inform the Commissioners of examination and licensing activities for Reactor Operators and Senior Reactor Operators, including requalification examination results.

Discussion: The enclosed tables report licensing action results, including issuances, denials or withdrawals and pass/fail rate for each NRC licensing examination component. The results are presented as a combined total and broken down by region. We have also included a graph summarizing the examination results by region for this quarter. It shows the percentage pass rate by license and exam type and the total number of exams given broken down by region. We continue to see variations in the percentages in the individual categories of the Regions; however, these variations reflect the impact of small sample sizes when one test administration results in a large failure rate. We are continuing to track trends in examination results by region and have not identified statistically significant trends that are not explained.

Also included are tables showing the evaluations of the requalification examinations given for the third quarter FY 1984. All final requalification program evaluations have been satisfactory. In the instances where the regions have

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accepted the utility's corrective action program, the issuance of renewal licenses will be contingent upon completion of the utility's upgraded program.



William J. Dircks
Executive Director for Operations

Enclosures:

1. Operator Licensing Tracking System Quarterly Status Report (Examination Results and Licensing Actions) - Total (All Regions) for Third Quarter FY 1984
2. Operator Licensing Tracking System Quarterly Status Report (Examination Results and Licensing Actions) for Regions I through V for Third Quarter FY 1984
3. Graph of Exam Results - Percentage Pass vs. Exam Type - Third Quarter FY 1984
4. Requalification Examination Results for Regions I through Region V for Third Quarter FY 1984

ENCLOSURE 1

OPERATOR LICENSING TRACKING SYSTEM
 ACTIVITY STATUS REPORT
 04/01/84 THROUGH 06/30/84

EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL TAKEN
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	
INITIAL - RO	83	22	93	9	35	2	105
	79.0%	21.0%	91.2%	8.8%	94.6%	5.4%	121
SRO	102	19	109	11	49	13	
	84.3%	15.7%	90.8%	9.2%	79.0%	21.0%	13
APPLICATIONS - RO	5	4	5	0	1	0	15
	55.6%	44.4%	100.0%	0.0%	100.0%	0.0%	15
SRO	7	6	6	0	3	0	
	53.8%	46.2%	100.0%	0.0%	100.0%	0.0%	34
UPGRADE - SRO	22	11	28	1	8	1	118
	66.7%	33.3%	96.6%	3.4%	88.9%	11.1%	170
TOTAL - RO	83	26	98	9	36	2	
	77.2%	22.8%	91.6%	8.4%	94.7%	5.3%	170
SRO	131	36	143	12	63	14	
	78.4%	21.6%	92.3%	7.7%	81.1%	18.9%	

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>#ISSUED</u>	<u>#DENIED</u>	<u>#WITHDRAWN</u>
INITIAL -	RO -	91	32	13
	SRO -	92	37	12
	INST CERT -	23	8	3
	LTD SRO -	0	0	0
REAPPLICATIONS -	RO -	20	4	1
	SRO -	16	8	1
	INST CERT -	1	0	0
	LTD SRO -	0	0	0
UPGRADE -	SRO -	39	24	3
TOTAL -	RO -	111	36	14
	SRO -	147	69	16
	INST CERT -	24	8	3
	LTD SRO -	0	0	0
RENEWAL -	RO -	107	0	0
	SRO -	201	0	0
	INST CERT -	0	0	0
	LTD SRO -	2	0	0

ENCLOSURE 2

OPERATOR LICENSING TRACKING SYSTEM
 ACTIVITY STATUS REPORT
 04/01/84 THROUGH 06/30/84

EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL TAKEN
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	
INITIAL - RO	24	5	26	1	11	0	29
	82.8%	17.2%	96.3%	3.7%	100.0%	0.0%	
SRO	35	7	39	3	20	4	42
	83.3%	16.7%	92.9%	7.1%	83.3%	16.7%	
REAPPLICATIONS - RO	2	0	1	0	0	0	3
	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
SRO	3	2	2	0	0	0	5
	60.0%	40.0%	100.0%	0.0%	0.0%	0.0%	
UPGRADE - SRO	10	4	11	0	0	0	14
	71.4%	28.6%	100.0%	0.0%	0.0%	0.0%	
TOTAL - RO	26	5	27	1	11	0	32
	83.9%	16.1%	96.4%	3.6%	100.0%	0.0%	
SRO	48	13	52	3	20	4	61
	78.7%	21.3%	94.5%	5.5%	83.3%	16.7%	

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>#ISSUED</u>	<u>#DENIED</u>	<u>#WITHDRAWN</u>
INITIAL -	RO -	34	13	5
	SRO -	43	13	2
	INST CERT -	10	2	0
	LTD SRO -	0	0	0
REAPPLICATIONS -	RO -	2	0	1
	SRO -	3	2	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0
UPGRADE -	SRO -	14	5	0
TOTAL -	RO -	36	13	6
	SRO -	60	20	2
	INST CERT -	10	2	0
	LTD SRO -	0	0	0
RENEWAL -	RO -	48	0	0
	SRO -	77	0	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0

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OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

3rd Qtr FY 84

EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL TAKEN
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	
INITIAL - RO	19	5	20	3	5	1	24
	79.2%	20.8%	87.0%	13.0%	83.3%	16.7%	
SRO	27	8	29	5	6	0	35
	77.1%	22.9%	85.3%	14.7%	100.0%	0.0%	
REAPPLICATIONS - RO	1	0	2	0	1	0	3
	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	
SRO	1	0	1	0	1	0	1
	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	
UPGRADE - SRO	1	6	6	1	3	1	7
	14.3%	85.7%	85.7%	14.3%	75.0%	25.0%	
TOTAL - RO	20	5	22	3	6	1	27
	80.0%	20.0%	88.0%	12.0%	85.7%	14.3%	
SRO	29	14	36	6	10	1	43
	67.4%	32.6%	85.7%	14.3%	90.9%	9.1%	

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>#ISSUED</u>	<u>#DENIED</u>	<u>#WITHDRAWN</u>
INITIAL	RO	22	5	4
	SRO	19	14	1
	INST CERT	6	1	0
	LTD SRO	0	0	0
REAPPLICATIONS	RO	2	0	0
	SRO	1	0	0
	INST CERT	1	0	0
	LTD SRO	0	0	0
UPGRADE	SRO	6	7	2
TOTAL	RO	24	5	4
	SRO	26	21	3
	INST CERT	7	1	0
	LTD SRO	0	0	0
RENEWAL	RO	25	0	0
	SRO	34	0	0
	INST CERT	0	0	0
	LTD SRO	0	0	0

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	JAKEN
INITIAL - RO	10	2	11	1	6	0	12
	83.3%	16.7%	91.7%	8.3%	100.0%	0.0%	
SR0	6	0	5	1	3	1	6
	100.0%	0.0%	83.3%	16.7%	75.0%	25.0%	
REAPPLICATIONS - RO	0	2	1	0	0	0	3
	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	
SR0	2	0	0	0	1	0	2
	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	
UPGRADE - SR0	4	1	3	0	1	0	5
	80.0%	20.0%	100.0%	0.0%	100.0%	0.0%	
TOTAL - RO	10	4	12	1	6	0	15
	71.4%	28.6%	92.3%	7.7%	100.0%	0.0%	
SR0	12	1	8	1	5	1	13
	92.3%	7.7%	88.9%	11.1%	83.3%	16.7%	

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>#ISSUED</u>	<u>#DENIED</u>	<u>#WITHDRAWN</u>
INITIAL -	RO -	14	4	2
	SRO -	11	2	3
	INST CERT -	4	5	0
	LTD SRO -	0	0	0
REAPPLICATIONS -	RO -	7	2	0
	SRO -	5	1	1
	INST CERT -	0	0	0
	LTD SRO -	0	0	0
UPGRADE -	SRO -	4	3	0
TOTAL -	RO -	21	6	2
	SRO -	20	6	4
	INST CERT -	4	5	0
	LTD SRO -	0	0	0
RENEWAL -	RO -	22	0	0
	SRO -	59	0	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0

EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL TAKEN
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	
INITIAL - RO	8	5	11	2	4	0	13
	61.5%	38.5%	84.6%	15.4%	100.0%	0.0%	30
SRO	28	2	30	0	16	4	
	93.3%	6.7%	100.0%	0.0%	80.0%	20.0%	4
REAPPLICATIONS - RO	2	2	1	0	0	0	5
	50.0%	50.0%	100.0%	0.0%	0.0%	0.0%	1
SRO	1	4	2	0	0	0	
	20.0%	80.0%	100.0%	0.0%	0.0%	0.0%	17
UPGRADE - SRO	0	0	1	0	0	0	36
	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
TOTAL - RO	10	7	12	2	4	0	
	58.8%	41.2%	85.7%	14.3%	100.0%	0.0%	
SRO	29	6	33	0	16	4	
	82.9%	17.1%	100.0%	0.0%	80.0%	20.0%	

OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>ISSUED</u>	<u>DENIED</u>	<u>WITHDRAWN</u>
INITIAL -	RO -	6	4	2
	SRO -	16	8	6
	INST CERT -	1	0	0
	LTD SRO -	0	0	0
REAPPLICATIONS -	RO -	9	1	0
	SRO -	2	4	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0
UPGRADE -	SRO -	12	9	0
TOTAL -	RO -	15	5	2
	SRO -	30	21	6
	INST CERT -	1	0	0
	LTD SRO -	0	0	0
RENEWAL -	RO -	6	0	0
	SRO -	15	0	0
	INST CERT -	0	0	0
	LTD SRO -	2	0	0

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OPERATOR LICENSING TRACKING SYSTEM
 ACTIVITY STATUS REPORT
 04/01/84 THROUGH 06/30/84

Region 7
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EXAMINATION RESULTS

	WRITTEN		ORAL		SIMULATOR		TOTAL TAKEN
	#PASS	#FAIL	#PASS	#FAIL	#PASS	#FAIL	
INITIAL - RO	22	5	25	2	9	1	27
	81.5%	18.5%	92.6%	7.4%	90.0%	10.0%	
SRO	6	2	6	2	4	4	8
	75.0%	25.0%	75.0%	25.0%	50.0%	50.0%	
REAPPLICATIONS - RO	0	0	0	0	0	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
SRO	0	0	1	0	1	0	2
	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	
UPGRADE - SRO	7	0	7	0	4	0	7
	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	
TOTAL - RO	22	5	25	2	9	1	27
	81.5%	18.5%	92.6%	7.4%	90.0%	10.0%	
SRO	13	2	14	2	9	4	17
	86.7%	13.3%	87.5%	12.5%	69.2%	30.8%	

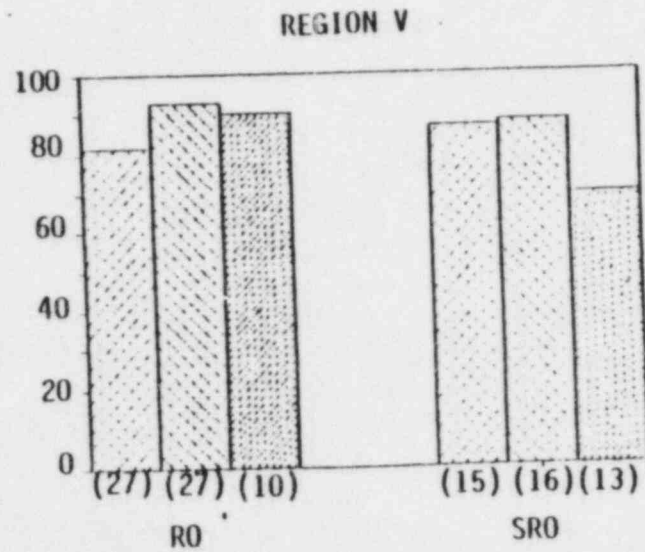
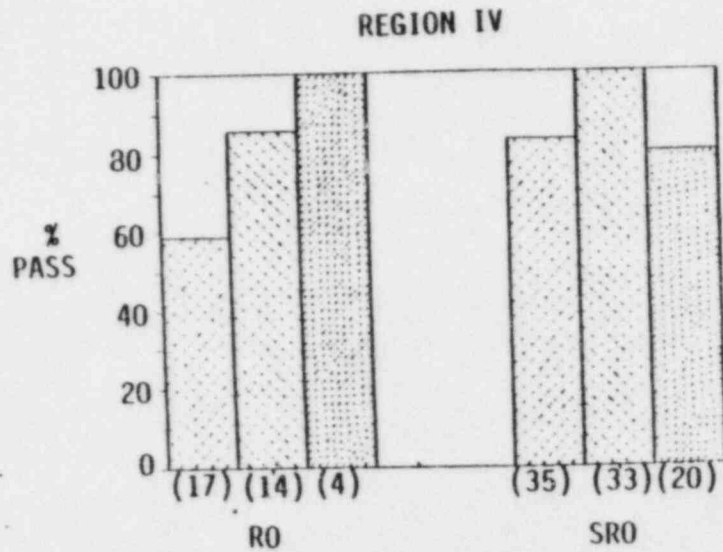
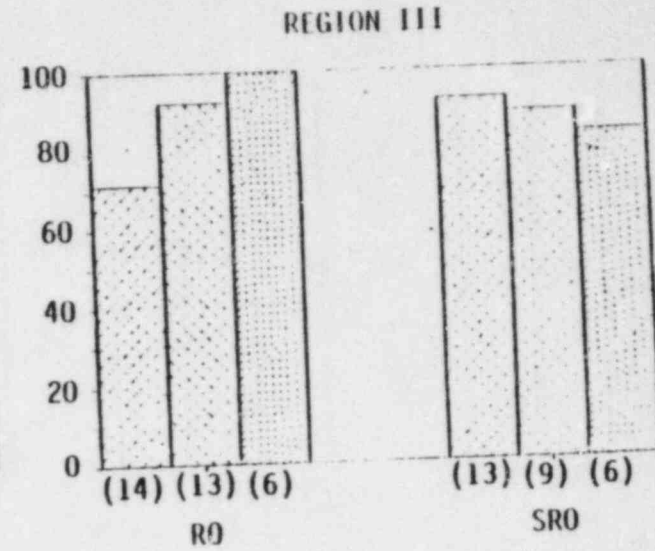
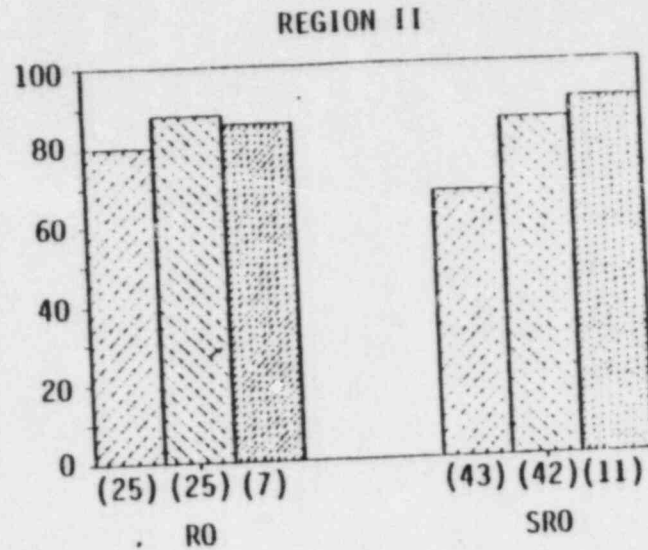
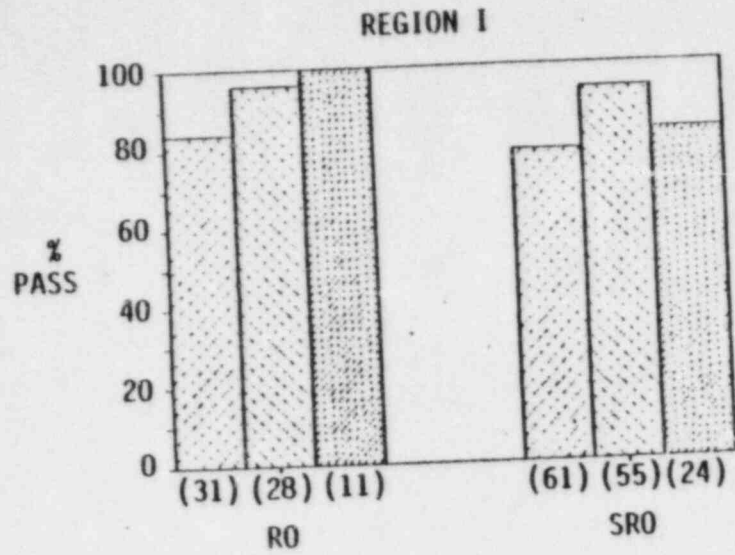
OPERATOR LICENSING TRACKING SYSTEM
ACTIVITY STATUS REPORT
04/01/84 THROUGH 06/30/84

LICENSING ACTIONS

		<u>#ISSUED</u>	<u>#DENIED</u>	<u>#WITHDRAWN</u>
INITIAL	RO -	15	6	0
	SRO -	3	0	0
	INST CERT -	2	0	3
	LTD SRO -	0	0	0
REAPPLICATIONS	RO -	0	1	0
	SRO -	5	1	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0
UPGRADE	SRO -	3	0	1
TOTAL	RO -	15	7	0
	SRO -	11	1	1
	INST CERT -	2	0	3
	LTD SRO -	0	0	0
RENEWAL	RO -	6	0	0
	SRO -	15	0	0
	INST CERT -	0	0	0
	LTD SRO -	0	0	0

ENCLOSURE 3

EXAM RESULTS
 PERCENTAGE PASS VS. EXAM TYPE
 THIRD QUARTER FY 1984



WRITTEN
 ORAL
 SIMULATOR

Numbers in parentheses indicate total candidates taking exam.

ENCLOSURE 4

REQUALIFICATION EXAMINATIONS

Third Quarter FY 1984

Region I

Facility

Evaluation

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Satisfactory. Requalification program has been completed and Region I issued an Inspection Report for entire requalification program. Issuance of renewal licenses is contingent upon completion of upgraded program.

REQUALIFICATION EXAMINATIONS

Third Quarter FY 1984

Region II

Facility

Results

No exams given.

REQUALIFICATION EXAMINATIONS

Third Quarter FY 1984

Region III

<u>Facility</u>	<u>Evaluation</u>
Big Rock	Satisfactory.
D. C. Cook	Evaluation in progress. Results will be reported next quarter.
Dresden	Satisfactory
Kewaunee	Satisfactory. Region III participated in requalification written exam.
Prairie Island	Satisfactory. Although some lenient grading was observed, it did not affect overall pass/fail results. Region III will review the grading of the next requalification written exam.

REQUALIFICATION EXAMINATIONS

Third Quarter FY 1984

Region IV

<u>Facility</u>	<u>Evaluation</u>
Arkansas 1	Satisfactory. Region IV administered two categories on one RO and five SRO written exams plus gave complete orals to two RO's and four SRO's.
Arkansas 2	Satisfactory. Region IV administered one category on RO and SRO written exams and gave six orals. All passed.
Cooper	Satisfactory. Region IV administered two RO and four SRO written and oral exams. The results were marginal and required utility response for improvement. Region IV has accepted the utility's corrective action program. Renewal licenses will be issued contingent upon completion of this upgraded program.

REQUALIFICATION EXAMINATIONS

Third Quarter FY 1984

Region V

<u>Facility</u>	<u>Evaluation</u>
Rancho Seco	Evaluation in progress. Results will be reported next quarter.
San Onofre 2 & 3	Evaluation in progress. Initial findings were marginal. Utility is submitting proposed corrective action program. Results will reported when program is received and evaluated.
Trojan	Evaluation in progress. Region V has accepted utility's corrective action program wherein utility has agreed to upgrade their accelerated retraining, remedial training and requalification program by August 31, 1984. Results will be reported when the revised program is received and evaluated.

Inter-Office Memorandum



Date June 15, 1983

Subject DOCUMENT TRANSMITTAL TO NRC

To C. Smyth, TMI-1 Licensing Manager

Location TMI Nuclear Station
6211-83-0529

This date, copies of the following documents were furnished to Mr. J. Buzy of the NRC, as part of the current NRC Staff evaluation:

1. TMI-1 Replacement Operator Training Program Description
2. TMI-1 Senior Reactor Operator Replacement Training Program
3. TMI-1 Direct Senior Reactor Operator Training Program
4. Licensed Operator Requalification Training Program Description
5. Auxiliary Operator Training Program, Unit I
6. Memo RPC-83-012 dated May 2, 1983 - Meeting of 4/22/83 - Operator Training Concerns
7. Memo 6211-83-0432 dated May 20, 1983 - Operator Training Review Team
8. Memo 6211-83-0450 dated May 24, 1983 - Minutes of Training Review Team Meeting, May 23, 1983
9. Nuclear Personnel Training After TMI-2: The GPUN Response
10. Highlighted excerpts from pages 19, 20, 21, 26, 27, and 37 of ASLB prefiled testimony of Dr. Long, Dr. Knief, Mr. Ross, and Mr. Newton
11. Memo 3200-83-0197 dated April 13, 1983 - TMI-I Restart Qualification Card
12. Memo 6211-83-0516 dated June 13, 1983 - OTSG Tube Rupture Training
13. Drill Guides from OTSG Tube Rupture Training

A handwritten signature in black ink, appearing to read "R.P. Coe".

R.P. Coe
Director Training & Education

RPC/SLN/kvr

cc: R. L. Long, V.P., Nuclear Assurance
H. D. Hukill, V.P., TMI-1
S. L. Newton, Manager, Plant Training, TMI-1