

APPENDIX A
NRC EXAMINATION RESULTS
FOR NUCLEAR POWER PLANT PERSONNEL
1971 - 1974

Comparison of the results of the report
covering the period 1960 through 1970
and the period 1971-1974.

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APPENDIX A
LISTING OF TABLES

TABLE	TITLE
1.	Operator Applicants
2.	Operator Applicants Denials by Percent
3.	Operator Applicants Average Grades-Licensed
4.	Operator Applicants Average Grade-Failed Written
5.	Senior Operator Applicants Previously Licensed Operators
6.	Senior Operators-Licensed Previously Licensed Operators
7.	Senior Operator Applicants-Denied Previously Licensed Operators Average Grade
8.	Senior Operator Applicants Initial Applications
9.	Senior Operator Applicants Initial Application Type of Denial
10.	Senior Operator Applicants Initial Applications-Licensed
11.	Senior Operator Applicants Initial Applications-Failed Written

Categories for Tables 3 and 4

- A. Principles of Reactor Operation
- B. Features of Facility Design
- C. General Operating Characteristics
- D. Instruments and Controls
- E. Safety and Emergency Systems
- F. Standard and Emergency Operating Procedures
- G. Radiation Control and Safety

Categories for Tables 6, 7, 10 and 11

- H. Reactor Theory
- I. Radioactive Materials Handling, Disposal and Hazards
- J. Specific Operating Characteristics
- K. Fuel Handling and Core Parameters
- L. Administrative Procedures, Conditions and Limitations

TABLE 1
 OPERATOR APPLICANTS
 NUMBER

	1970	1974
APPLICANTS	668	438
LICENSED	557	371
DENIED	111	67

PERCENT

	1970	1974
APPLICANTS	100	100
LICENSED	83.4	84.8
DENIED	16.6	15.2

TABLE 2
OPERATOR APPLICANTS
DENIALS BY PERCENT

	1970	1974
FAILED WRITTEN AND ORAL	26.1	50.8
FAILED WRITTEN	46.9	16.3
FAILED ORAL	27.0	32.9

TABLE 3
OPERATOR APPLICANTS
AVERAGE GRADES - LICENSED

	1970	1975
APPLICANTS	557	371
TOTAL	84.0	81.4
A	79.5	84.1
B	86.5	83.8
C	78.5	79.4
D	80.8	80.8
E	82.6	83.3
F	79.5	77.2
G	81.6	78.5

TABLE 4
OPERATOR APPLICANTS
AVERAGE GRADES -- FAILED WRITTEN

	1970	1975
APPLICANTS	81	45
TOTAL	62.5	58.0
A	58.5	55.9
B	68.0	67.2
C	59.7	52.5
D	59.2	58.1
E	68.0	64.3
F	58.0	51.7
G	64.0	59.2

TABLE 5

SENIOR OPERATOR APPLICANTS
LICENSED OPERATORS

	NUMBER	
	1970	1974
APPLICANTS	196	154
LICENSED	174	130
DENIED	22	24

	PERCENT	
	1970	1974
APPLICANTS	100	100
LICENSED	88.8	84.3
DENIED	11.2	15.7

TABLE 6

SENIOR OPERATORS - LICENSED
PREVIOUSLY LICENSED OPERATORS

	1970	1975
APPLICANTS	174	130
TOTAL	80.1	80.2
H	75.5	80.9
I	77.5	79.2
J	79.5	80.6
K	79.5	79.3
L	82.0	77.8

TABLE 7
 SENIOR OPERATOR APPLICANTS - DENIED
 PREVIOUSLY LICENSED

	1970	1975
APPLICANTS	22	24
TOTAL	64.3	63.5
H	54.8	60.8
I	70.3	67.7
J	62.5	64.0
K	62.4	57.3
L	67.0	70.4

TABLE 8

SENIOR OPERATOR APPLICANTS

INITIAL APPLICATIONS

	NUMBER	
	1970	1974
APPLICANTS	337	429
LICENSED	266	343
DENIED	71	86
DENIED OPERATOR LICENSE	21	38

	PERCENT	
	1970	1974
APPLICANTS	100	100
LICENSED	78.9	80.1
DENIED	21.1	19.9
DENIED AS OPERATOR	29.6	44.2

TABLE 9
SENIOR OPERATOR APPLICANTS
INITIAL APPLICATIONS

	PERCENT	
	1970	1974
FAILED WRITTEN AND ORAL	38.0	46.5
FAILED WRITTEN NO ORAL	8.5	12.8
FAILED WRITTEN ONLY	21.1	9.3
FAILED ORAL ONLY	32.4	31.4

TABLE 10
SENIOR OPERATOR APPLICANTS
INITIAL - LICENSED

	1970	1975
APPLICANTS	266	343
TOTAL	80.7	80.9
H	80.0	82.7
I	81.5	79.4
J	81.2	80.3
K	79.6	79.4
L	81.1	80.3

TABLE 11
SENIOR OPERATOR APPLICANTS
INITIAL - FAILED WRITTEN

	1970	1975
APPLICANTS	48	59
TOTAL	60.2	63.0
H	56.5	63.9
I	59.6	63.1
J	57.9	62.0
K	64.0	61.2
L	63.5	65.1