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CARTEAUX, P.F. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
RECIP. NAME RECIPIENT AFFILIATION
PHILLIPS, M.P. Document Control Branch (Document Control Desk)

SUBJECT: Forwards list of ref matls for use in developing &
administering upcoming reactor operator/senior reactor
operator license exams. Listed procedures will be frozen for
exam or revised to enhance malfunction procedures.

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Cook Nuclear Plant
Training Center
P.O. Box 458
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April 24, 1992

Donald C. Cook Nuclear Plant Units 1 & 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
SUBJECT: RO/SRO INITIAL LICENSE EXAMINATION
Reference Materials

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Attention: M. P. Phillips

REFERENCE: (a) USNRC Letter Dated March 31, 1992 from
Mr. G. C. Wright to Mr. E. E. Fitzpatrick
(90 Day Notification Letter)

Dear Mr. Phillips:

As required by reference (a), this letter transmits one complete set of approved (where appropriate) D. C. Cook Plant reference materials for use in developing and administering our upcoming NRC examination. Accompanying this letter are sixteen boxes containing these materials. A complete replication of these materials have been sent to EG&G, Idaho Falls, Idaho.

For your convenience a brief summary of the contents of these boxes is provided. The attached summary is formatted similar to Enclosure 1 of reference (a), which requests 18 categories of information/documents.

Further, several major procedures will be revised and issued after this material delivery and before the scheduled NRC Examination. The following procedures will be frozen for the purpose of this examination.

1-2 OHP 4023.ECA-0.0
1-2 OHP 4023.ECA-0.1

1-2 OHP 4023.ECA-0.2
1-2 OHP 4022.001.006



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RO/SRO INITIAL LICENSE EXAMINATION

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April 24, 1992

The following procedures will be sent to Mr. M. Bailey as they are approved for use and will be used for this examination. The following will be revised as a result of removing the Boron Injection Tank from Unit 2 ECCS System.

2 OHP 4021.005.001
2 OHP 4021.008.003
2 OHP 4024.106.001
2 OHP 4024.106.002
2 OHP 4024.106.004
2 OHP 4023.E-0
2 OHP 4023.ES-1.1

2 OHP 4023.FR-S.1
2 OHP 4023.ES-1.2
2 OHP 4023.ECA-3.1
2 OHP 4023.ECA-3.2
2 OHP 4023.FR-P.1
2 OHP 4023.ES-3.1


The following procedures will be revised to enhance RCP Malfunction Procedures.

1-2 OHP 4022.002.016
1-2 OHP 4022.002.017
1-2 OHP 4022.002.018

This procedure issue was discussed with Mr. M. Bailey on April 24, 1992 at which time he concurred with this course of action.

If you have any questions regarding this submittal or require additional materials, please contact Mr. John Stubblefield at (616) 465-5901, extension 3109.

Sincerely,


P. F. Carteaux
Training Superintendent

/lf

Enclosure

c: A. A. Blind
J. A. Stubblefield
W. A. Nichols
D. E. Baker
EG&G
T. E. Murley
J. Isom, Senior NRC Resident Inspector, Cook Nuclear Plant

SUMMARY OF CONTENTS

D. C. Cook Plant Reference Materials
in Support of July 7, 1992 USNRC Examination

1. Training References

- ♦ Lesson Plans - Reactor operator and senior reactor operator lesson plans which include learning objectives. Per telephone conversation with M. Bailey and J. Stubblefield, the fundamentals lesson plans have not been included.
- ♦ Plant System Descriptions - These are not operating procedures but, rather, training references for system operation.
- ♦ Comprehensive Theory Materials - This seven volume reference document was used during our Fundamentals Training Course.
- ♦ Job Performance Measures (JPMs) - These include tasks covering local operations and tasks within the control room complex.

2. Complete Procedure Index

- ♦ Indexes are found in Volume 1 of each procedure set or series of procedures. (One book is provided with all procedure indexes.)

3. Administrative Procedures

- ♦ Plant Manager Procedures (PMPs)
- ♦ Plant Manager Instructions (PMIs)
- ♦ Operations Head Instructions (OHIs)

4. Integrated Plant Procedures

- ♦ Operations Head Procedures (OHPs)
- ♦ Normal OHP 4021 Series

5. Emergency and Abnormal Procedures
 - ♦ Operations Head Procedures (OHPs)
 - ♦ Abnormal OHP 4022 Series
 - ♦ Emergency OHP 4023 Series
6. Standing Orders
 - ♦ Plant Manager's Standing Orders (PMSOs)
 - ♦ Operations Standing Orders (OSOs)
7. Surveillance Procedures
 - ♦ Surveillance - OHP 4030 Series
8. Fuel Handling and Core Loading Procedures
 - ♦ Fuel Handling - OHP 4050 Series
9. Annunciator/Alarm Procedures
 - ♦ Annunciator - OHP 4024 Series
10. Radiation Protection Manual
 - ♦ This is incorporated within the PMP 6010.RPP Series.
11. Emergency Plan Implementing Procedure
 - ♦ This is incorporated within the PMP 2080.EPP Series.
12. Technical Specifications
 - ♦ Unit 1 and 2 Technical Specifications and Clarifications
 - ♦ Additional information may be found in PMI-1040, Attachment #3.
13. System Operating Procedure
 - ♦ Refer to Item #4 above.

14. Piping and Instrument Diagrams

- ♦ This includes electrical one-line diagrams for 4160, 600, and 120 Volt AC and 250 Volt DC.
- ♦ All flow PID Diagrams (5100 Series Drawings).
- ♦ Electrical One Line Diagrams (12000 including 4160, 600, and 120V AC and 250 V DC Series.)
- ♦ Logic/Functional Diagrams covering all major instrument and control systems (98500 Series Drawings.)

15. Technical Data Book

- ♦ The enclosed Technical Data Book does not have a controlled set of precautions, limitations, and setpoints. This information is contained in individual plant and systems operating procedures as necessary.

16. Facility Exam Bank

- ♦ This is not being provided at this time.

17. Simulator References

- ♦ Listing of pre-programmed initial conditions.
- ♦ Malfunction cause and effect which includes an explanation of the ability to vary the severity of a particular malfunction.
- ♦ Description of local operations and failure capability of instruments and components.
- ♦ Differences between the simulator and Unit #2 control room.
- ♦ RO/SRO program simulator training scenarios (lesson plans.)

18. Additional Materials Required by Examinee

- ♦ Combined Reference Book Index