

STATE OF MISSOURI  
PUBLIC SERVICE COMMISSION  
Jefferson City

May 15, 1985

CASE NO. ER-85-128 and EO-85-185 ✓

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Gary W. Duffy, Attorney, P. O. Box 456, Jefferson City, Missouri 65102

Enclosed find certified copy of ORDER in the above-numbered case.

Sincerely,

*Harvey G. Hubbs*

Harvey G. Hubbs  
Secretary

unverified copy:

Robert M. Fillmore, Assistant General Counsel, Kansas State Corporation Commission,  
State Office Building, 4th Floor, Topeka, KS 66612

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI

In the matter of Kansas City Power & Light )  
Company of Kansas City, Missouri, for )  
authority to file tariffs increasing rates )  
for electric service provided to customers )  
in the Missouri service area of the Company. )  
\_\_\_\_\_ )

Case No. ER-85-128

In the matter of the determination of )  
in-service criteria for Kansas City Power )  
& Light Company's Wolf Creek Generating )  
Station and Wolf Creek rate base and related )  
issues. )  
\_\_\_\_\_ )

Case No. EO-85-185 ✓

APPEARANCES: Mark C. Sholander, Attorney, Kansas City Power & Light  
Company, 1330 Baltimore Avenue, Kansas City, Missouri 64015,  
for Kansas City Power & Light Company.

Jeremiah D. Finnegan, Attorney at Law, and  
Hugh F. O'Donnell, III, Attorney at Law, 4225 Baltimore  
Avenue, Suite 101, Kansas City, Missouri 64111, for the  
County of Jackson, Missouri.

Robert C. Johnson, Attorney at Law, and George M. Pond,  
Attorney at Law, 720 Olive Street, Suite 2400, St. Louis,  
Missouri 63101, for: A.P. Green Refractories Co.,  
Anheuser-Busch, Inc., Chrysler Corporation, Ford Motor  
Company, General Motors Corporation, McDonnell Douglas  
Corporation, Missouri Portland Cement Company, Monsanto  
Company, Nooter Corporation, PPG Industries, Inc., and  
St. Joe Minerals Corporation.

Paul W. Phillips, Attorney at Law, Room 6D-033,  
1000 Independence Avenue, S.W., Washington, D.C. 20585,  
and

William L. Rowberry, Attorney at Law, Post Office Box 202,  
Kansas City, Missouri 64141, for the United States Department  
of Energy.

Stuart W. Conrad, Attorney at Law, and W.H. Bates, Attorney  
at Law, 2345 Grand Avenue, Kansas City, Missouri 64108, for  
Armco Inc., General Mills, Inc., Union Carbide Corporation,  
Mobay Chemical Corporation and Amoco Pipeline Company.

Douglas M. Brooks, Public Counsel, Post Office Box 7800,  
Jefferson City, Missouri 65102, for the Office of Public  
Counsel and the public.

Steven Dottheim, Deputy General Counsel, and  
Michael C. Pendergast, Assistant General Counsel, Missouri  
Public Service Commission, Post Office Box 360,  
Jefferson City, Missouri 65102, for the Staff of the Missouri  
Public Service Commission.

## REPORT AND ORDER

### PHASE I - IN-SERVICE CRITERIA

#### Procedural History

On November 26, 1984, the Kansas City Power & Light Company (hereinafter, Company) filed revised tariffs seeking authority to increase rates for electric service provided to customers in the Missouri service area of the Company. The tariffs bore a December 26, 1984, effective date.

On December 17, 1984, the Commission suspended the tariffs to April 25, 1985. On February 21, 1985, the Commission issued its second suspension order suspending the proposed tariffs until October 25, 1985, and setting a schedule of proceedings.

The proceedings scheduled by the Commission included four phases of hearings. The Phase I portion of the case was established to determine three issues: the "in-service" criteria for the Wolf Creek Generating Station; jurisdictional allocations; and rate of return. The Phase I hearings were scheduled for April 17 through 19, 1985, in the Commission's hearing room in Jefferson City, Missouri.

Through its second suspension order, the Commission established Docket No. EO-85-185 for the purpose of determining the "in-service" criteria for the Company's Wolf Creek Generating Station and Wolf Creek rate base and related issues.

The Phase I hearing was duly convened at the time and place noted above. At that time, a joint recommendation of Staff and Company for in-service criteria was offered and received into evidence. All but one of the jurisdictional allocation issues was submitted by stipulation and agreement. The testimony and schedules involving the remaining jurisdictional allocation issue and all of the rate of return

testimony and schedules were then submitted on the record without cross-examination. A briefing schedule was established.

#### Findings of Fact

The Missouri Public Service Commission, having considered all of the competent and substantial evidence upon the whole record, makes the following findings of fact.

A Joint Recommendation On In-service Criteria (Joint Recommendation), marked as Exhibit 2, was presented to the Commission on April 17, 1985, by the signatory parties. After presentation of the Joint Recommendation and receipt of numerous exhibits involving various other Phase I issues, the hearing was adjourned.

The only Phase I issue to be determined at this time is what criteria will be used by the Commission for determining when the Wolf Creek plant is "in service" for ratemaking purposes. Once the plant is determined to be "in service", it will be eligible for inclusion in rate base. The issues of jurisdictional allocations and rate of return will be determined at a later time.

The Joint Recommendation which delineates the matters of agreement between the signatory parties with respect to disposition of the matter of "in-service" criteria, is attached hereto as Appendix A and is incorporated herein by reference. Due to its size, Schedule 2 is not attached to the Joint Recommendation herein. It is hereby incorporated by reference.

#### Conclusions

The Missouri Public Service Commission has arrived at the following conclusions.

Kansas City Power & Light Company of Kansas City, Missouri, is a public utility pursuant to Chapters 386 and 393, R.S.Mo. 1978, and, therefore, is subject to the jurisdiction of the Missouri Public Service Commission.

The Commission is prohibited from allowing a charge for electric service which is based on any costs associated with property before it is fully operational and used for service. Section 393.135, R.S.Mo. 1978.

For ratemaking purposes, the Commission may accept a joint recommendation on any contested matter submitted by the parties. The Commission concludes that the joint recommendation of the parties as to the applicable "in-service" criteria is reasonable and proper and should be approved and adopted.

It is, therefore,

ORDERED: 1. That the Joint Recommendation On In-service Criteria entered into between the Staff of the Missouri Public Service Commission and the Kansas City Power & Light Company of Kansas City, Missouri, as set forth herein, be, and is, hereby accepted and adopted as the criteria to be used for determination of whether and when the Wolf Creek nuclear plant is "in service".

ORDERED: 2. That this Report And Order shall become effective on the 29th day of May, 1985.

BY THE COMMISSION

*Harvey G. Hubbs*  
Harvey G. Hubbs  
Secretary

(S E A L)

Steinmeier, Chm., Musgrave, Mueller, Hendren and Fischer, CC., concur and certify compliance with the provisions of Section 536.080, R.S.Mo. 1978.

Dated at Jefferson City, Missouri,  
on this 15th day of May, 1985.

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI

In the matter of Kansas City Power & Light )  
Company of Kansas City, Missouri, for )  
authority to file tariffs increasing rates ) Case No. ER-85-128  
for electric service provided to customers )  
in the Missouri service area of the Company. )

In the matter of the determination of )  
in-service criteria for Kansas City Power )  
& Light Company's Wolf Creek Generating ) Case No. EO-85-185  
Station and Wolf Creek rate base and related )  
issues. )

JOINT RECOMMENDATION ON IN-SERVICE CRITERIA

The Staff of the Missouri Public Service Commission (Staff) and Kansas City Power & Light Company (KCPL) hereby submit to the Commission a Joint Recommendation concerning the appropriate in-service criteria to apply to Wolf Creek Generating Station to determine whether and when such Station is fully operational for purposes of Section 393.135, RSMo 1978.

Whereas, KCPL is an owner of the Wolf Creek Generating Station, presently under construction near Burlington, Kansas, and

Whereas, KCPL on November 26, 1984, filed with the Commission certain revised Missouri retail electric tariffs which reflect said Station, and

Whereas, Section 393.135, RSMo 1978 provides that no charge may be made or demanded by an electrical corporation which is based on any property before it is fully operational and used for service, and

Whereas, the Staff and KCPL are desirous that the Commission approve at this time the use of specific in-service criteria for the determination of whether and when said Station is fully operational for purposes of said Section 393.135, RSMo 1978.

The Staff and KCPL therefore agree and recommend as set forth below:

1. For the purpose of Case No. ER-85-128, or the first rate case in which the Station is found to be fully operational for purposes of Section 393.135, RSMo 1978, the Staff proposes, and KCPL does not oppose, that the following seven in-service criteria be used by the Commission to determine whether and when the Station is fully operational:

Criterion 1. The Wolf Creek Startup Test Program, as set forth in Schedule 1 hereto shall be successfully completed. This shall include a successful uninter-

rupted run of at least 100 hours during which power is furnished to the grid at a level between 95 percent and 100 percent. 100 percent is an NSSS thermal output of 3425 MW, with a gross unit electrical output of 1185 MW.

Criterion 2. The Preoperational Test Program shall be successfully completed.

Criterion 3. The plant and associated transmission facilities have been tested capable of supplying to the Company's Missouri customers their full share of its rated power and can do so with the single most critical transmission line out of service.

Criterion 4. On the effective date of the Commission's order allowing rate recognition of the Wolf Creek Generating Station, all licenses in jurisdictions other than the Missouri PSC which are needed to allow the plant to operate continuously at full power shall have been issued or acceptable commitments obtained.

Criterion 5. The plant's operating and NRC compliance history shows evidence of competence. For each delay of over 100 hours in the Wolf Creek Startup Test Program attached as Schedule 1 which occurs throughout the implementation of the Wolf Creek Startup Test Program and each NRC violation incurred at Wolf Creek Generating Station during the startup period, the cause shall have been satisfactorily explained and acceptable measures taken to prevent recurrence. KCPL shall cause representatives of KCPL and KGE to meet with representatives of the PSC Staff no less frequently than monthly during the startup test period, to keep the PSC Staff fully and currently informed regarding the following: (1) progress of startup testing and operations at the plant; (2) currently projected date for completion of all testing and fulfillment of the Commission's in-service criteria as set forth herein; (3) Notices of Violations received from the NRC and resolutions thereof. For these purposes, the startup test period is defined as beginning on the date the first Operating License is issued by the NRC for the Wolf Creek Generating Station Unit 1, and ending on the date the Commission declares the unit "fully operational".

Criterion 6. Exemptions from Criteria 1-5 may be granted or the determination made that the plant is "fully operational" at some power level less than the rated full power originally proposed for good cause shown.

Criterion 7. The plant is supplying electricity to KCPL's Missouri customers, with output scheduled by the KCPL load dispatcher, subject to plant availability.

2. On January 10, 1985, the Staff filed an Exhibit including the affidavits of Dr. S.W. Hanauer and Chris R. Rogers entitled "Applicability of Callaway In-Service Criteria to Wolf Creek". Therein the Staff proposed in-service criteria for the Commission's use in determining whether Wolf Creek Generating Station is "fully operational". Also on January 10, 1985, KCPL filed its response to the Commission Order of December 17, 1984. On January 21, 1985, KCPL filed its Supplement to Response advising the Commission of the issuance of the Revision 1 Power Ascension Milestone Schedule subsequent to KCPL's preparation of its January 10, 1985 response. A copy of the Revision 1 Power Ascension Milestone Schedule is attached for reference as Schedule 2.

3. Attached as Schedule 1 is the "Wolf Creek Startup Test Program", a description which has been agreed upon by the Staff and KCPL for use as Schedule 1 with the criteria proposed above. The prior version of Schedule 1 which was filed



with Staff's Exhibit on January 10, 1985, has been modified as a result of Kansas Gas & Electric's (KGE) issuance of the Revision 1 Power Ascension Milestone Schedule and subsequent technical discussions among the Staff, KCPL and KGE.

4. Criterion 1 and Criterion 5 proposed by the Staff in its January 10, 1985, filing have been modified to specifically reference the "Wolf Creek Startup Test Program" instead of the "operations schedule established at fuel load". The Wolf Creek Startup Test Program is attached hereto as Schedule 1. The revised Criterion 1 proposed herein does not reference Schedule 2 to the Staff's January 10, 1985 filing. In meetings between the Staff and KCPL which were held as an adjunct to the early prehearing conference in the instant case, perceived discrepancies between the Wolf Creek and Callaway startup test programs which Schedule 2 of the Exhibit filed by the Staff on January 10, 1985, sought to raise, have been resolved. The tests noted in Schedule 2 of the January 10, 1985, filing were found to be: (1) already incorporated within the Revision 1 Power Ascension Milestone schedule program; (2) covered under the NRC-required preoperative test program referenced in Criterion 2 above; (3) otherwise covered under surveillance procedures required by the draft (and probably the final) Technical Specification appendix to the NRC Facility Operating License for Wolf Creek; or (4) not required for Wolf Creek by the NRC by virtue of having been previously and generically satisfied at Callaway, the lead SNUPPS plant. Therefore, the Staff and KCPL agree upon the tests to be conducted in compliance with the in-service criteria recommended herein.

3. The Criterion 5 which the Staff proposed in its January 10, 1985 filing has been further modified. The last sentence which read "KGE/KCPL shall have complied with all NRC requirements and all corrections shall have been accepted by the NRC as a result of NRC violations" has been deleted for the following reasons:

A. The Staff and KCPL believe that the requirement set forth therein is redundant to the requirement already stated in Criterion 4 regarding acceptable commitments or licenses being obtained from all jurisdictions other than the Missouri PSC.

B. The Staff did not recommend similar wording in its proposed Criterion 5 in Case Nos. ER-84-168 and EO-85-17. Such requirements were added by the Commission in its Report and Order - Phase I issued on August 22, 1984.

C. The Staff's filing of its Review of Fully Operational Status of Callaway Nuclear Plant, Unit 1 in Case No. EO-85-17 was delayed pending receipt of written confirmation from the NRC that Union Electric Company (UE) had in fact "complied with all NRC requirements and all corrections . . . have been accepted by the NRC as a result of NRC violations" per the Commission's August 22, 1984 Report And Order - Phase I in that case.

D. The NRC Regional Administrator has stated that the NRC's detailed review of the Callaway startup test program is not expected to be completed before April 1, 1985. Thus, explicit NRC confirmation of acceptance of specific test results will not be available until, at the earliest, some 100 days after UE's Notice of Completion Of In-Service Criteria was filed with the Commission. The NRC Regional Administrator has stated that the NRC has not completed its review of completed test results packages due to higher priority work.

6. This Joint Recommendation has resulted from extensive negotiations between the Staff and KCPL, and in the event the Commission does not approve and



adopt this Joint Recommendation in total, this Joint Recommendation shall be void and no party shall be bound by any of the agreements or provisions hereof.

WHEREFORE, the Staff and KCPL respectfully request the Commission approve and adopt this Joint Recommendation as presented.

Respectfully submitted,

/s/ Mark G. English      11 Mar 85

Mark G. English  
Attorney for Kansas City  
Power & Light Company

/s/ Steven Dottheim      3/13/85

Steven Dottheim  
Attorney for the Staff of the  
Missouri Public Service Commission

## WOLF CREEK STARTUP TEST PROGRAM

- Sources: 1. Kansas Gas & Electric's (KGE) Wolf Creek Generating Station (WCGS) "POWER ASCENSION MILESTONE SCHEDULE" REV: 1, 1/7/85, furnished in KCPL's Response to Staff Data Requests No. 299 in Case No. EO-82-88, No. IS/TAC-2 in Case No. EO-84-147, and No. IS/TAC-12 in Case No. EO-84-147
2. WCGS "SU7 Procedures Manual" furnished in KCPL's Response to Staff Data Request No. IS/TAC-10 in Case No. EO-84-147 (Note: "MI" denotes Milestone No. 1, etc.)

**SCHEDULE**  
**DAY**

**SCHEDULE EVENTS**

- I. SU7-S009, Initial Core Loading Test Sequence
- A. Load fuel
- 0 M1 Begin Fuel Loading - Mode 6
- 10 1. SU7-S001, Initial Core Loading
- M2 Complete Fuel Loading
2. SU7-S002, ICRR Monitoring for Core Load
- II. SU7-S010, Post Core Loading Precritical Test Sequence
- A. Assemble RV and Torque Head
- 21 M3 Reactor Vessel Head Installed - Mode 5
- B. Dress Out Head and Install Missile Shield
- C. Fill and Vent RCS System BB110
- 28 M4 Ready for Cold Testing
- D. Cold Rod and RPI Testing
1. SU7-SR03, Incore Moveable Detector Test
1. SU7-S016, Biological Shield Testing
3. SU7-SF01.4, CRDM Operational Test
4. SU7-SF04.1, Rod Position Indication System
5. SU7-SF03.1, Rod Drop Time Measurement
6. SU7-SF03.2, Rod Drop Time Measurement
7. SU7-SC03.1, Thermal Power Measurement and Statepoint Data Collection
8. SU7-S015, Power Ascension Thermal and Dynamic Test
9. SU7-BB06.1, RTD/TC Cross Calibration
- 42 M5 Begin Plant Heatup
- E. Plant Heatup
- 51 M6 Mode 4 RCS @ 200°F
1. SU7-BB06.2, Thermocouple Core Subcooling Monitoring System Test
- 36 M7 Mode 3 RCS @ 350°F
2. SU7-S015, Power Ascension Thermal and Dynamic Test
- F. Hot Rod Tests
- 61 M8 Begin Hot Functional Testing at Full Temperature and Pressure
1. SU7-BB03, RCS Flow Measurement
2. SU7-SF01.4, CRDM Operational Test
3. SU7-BB02, Pressurizer Heater and Spray Capability Startup Test
4. SU7-BB05, Pressurizer Continuous Spray Flow Setting
5. SU7-BB01, RTD Bypass Flow Measurement
6. SU7-SF02, Rod Control System
7. SU7-SF01.4, CRDM Operational Test

**SCHEDULE**  
**DAY**

**SCHEDULE EVENTS**

8. SU7-SF04.2, Rod Position Indication System
  9. SU7-SF03.3, Rod Drop Time Measurement
  10. SU7-SF03.4, Rod Drop Time Measurement
  11. SU7-SR04, Incore Instrumentation Operability Test
  12. SU7-BB04, RCS Flow Coastdown Measurement Test
  13. SU7-SE02.2, Operational Alignment of Nuclear Instrumentation
  14. SU7-SF07.1, Startup Adjustments of Reactor Control System
  15. SU7-0018.1, Calibration of Steam and Feedwater Flow Instrumentation
  16. SU7-SF06.1, Operational Alignment of Process Temperature Instrumentation
- III. SU7-S011, Initial Criticality and Lower Power Test Sequence
- 75 M9 Mode 2
- A. Initial Criticality
- 76 M10 Initial Criticality
- B. Low Power Physics Test
1. SU7-SR01, Incore Moveable Detector and Thermocouple Mapping at Low Power
  2. SU7-0016, Biological Shield Testing
- 90 M11 Increase Power Above 5% - Mode 1
- IV. SU7-S012, Initial Synchronization and 20% Power Sequence
- A. Synchronize to 20%
- 90 M12 Initial Generator Synchronization to Grid
- 90 M13 20% Power
1. SU7-0907.2, Plant Performance Test
  2. SU7-AB02, Dynamic Automatic Steam Dump Control
  3. SU7-AB01.1, Automatic Steam Generator Level Control
  4. SU7-0020.1, Turbine/Generator Tests
  5. SU7-0020.2, Turbine/Generator Tests
  6. SU7-AB01.2, Automatic Steam Generator Level Control
- V. SU7-S013, Test Sequence at 50% Power
- A. 30% Power
- 108 M14 30% Power
1. SU7-0907.3, Plant Performance Test
  2. SU7-SC03.2, Thermal Power Measurement and Statepoint Data Collection
  3. SU7-SE02.4, Operational Alignment of Nuclear Instrumentation
  4. SU7-0018.2, Calibration of Steam and Feedwater Flow Instrumentation
  5. SU7-SF06.2, Operational Alignment of Process Temperature Instrumentation
  6. SU7-SF07.2, Startup Adjustment of Reactor Control System
  7. SU7-SF05, Automatic Reactor Control
  8. SU7-AB01.3, Automatic Steam Generator Level Control
  9. SU7-0009.1, Load Swing Test
  10. SU7-SF09.1, RCCA Bank Worth Measurement at Power

**SCHEDULE  
DAY**

**SCHEDULE EVENTS**

- 117
- 11. SU7-0008.1, Power Coefficient Determination
  - 12. SU7-0014, Shutdown Maintenance of Hot Standby External to the Control Room
  - B. 40% Power
  - M15 40% Power
  - 1. SU7-SC03.3, Thermal Power Measurement and Statepoint Data Collection
  - 2. SU7-SE02.5, Operational Alignment of Nuclear Instrumentation
  - 3. SU7-0020.3, Turbine Generator Tests
- 120
- C. 50% Power
  - M16 50% Power
  - 1. SU7-0907.4, Plant Performance Test
  - 2. SU7-0016, Biological Shield Testing
  - 3. SU7-SC03.4, Thermal Power Measurement and Statepoint Data Collection
  - 4. SU7-SE02.6, Operational Alignment of Nuclear Instrumentation
  - 5. SU7-0018.3, Calibration of Steam and Feedwater Flow Instrumentation
  - 6. SU7-SF06.3, Operational Alignment of Process Temperature Instrumentation
  - 7. SU7-SF07.3, Startup Adjustments of Reactor Control System
  - 8. SU7-AB01.4, Automatic Steam Generator Level Control
  - 9. SU7-SF09.2, RCCA Bank Worth Measurement at Power
  - 10. SU7-SR02, Incore Moveable Detector and T/C Mapping at Power
  - 11. SU7-0008.2, Power Coefficient Determination
  - 12. SU7-0012, Rods Drop and Plant Trip
  - 13. SU7-SE03.1, Axial Flux Difference Instrumentation Calibration
- 134
- VI. SU7-S014, Test Sequence at 75% Power
  - M17 75% Power
  - 1. SU7-0020.4, Turbine Generator Tests
  - 2. SU7-0907.5, Plant Performance Tests
  - 3. SU7-SC03.5, Thermal Power Measurement and Statepoint Data Collection
  - 4. SU7-SE02.7, Operational Alignment of Nuclear Instrumentation
  - 5. SU7-0018.4, Calibration of Steam and Feedwater Flow Instrumentation
  - 6. SU7-SF06.4, Operational Alignment of Process Temperature Instrumentation
  - 7. SU7-SF07.4, Startup Adjustments of Reactor Control System
  - 8. SU7-0020.5, Turbine/Generator Tests
  - 9. SU7-SR02, Incore Moveable Detector and T/C Mapping at Power
  - 10. SU7-SE03.2, Axial Flux Difference Instrumentation Calibration
  - 11. SU7-0008.3, Power Coefficient Determination

**SCHEDULE**  
**DAY**

**SCHEDULE EVENTS**

12. SU7-AB01.5, Automatic Steam Generator Level Control
13. SU7-0009.2, Load Swing Tests
14. SU7-0010.1, Large Load Reduction

VII. SU7-S015, Test Sequence at 90% Power

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M18 90% Power

1. SU7-SC03.6, Thermal Power Measurement and Statepoint Data Collection
2. SU7-SE02.8, Operational Alignment of Nuclear Instrumentation
3. SU7-SF06.5, Operational Alignment of Process Temperature Instrumentation
4. SU7-0020.6, Turbine/Generator Tests
5. SU7-SR02, Incore Moveable Detector and T/C Mapping at Power
6. SU7-0008.4, Power Coefficient Determination

VIII. SU7-S016, Test Sequence at 100% Power

155

M19 100% Power

1. SU7-SC03.7, Thermal Power Measurement and Statepoint Data Collection
2. SU7-0907.6, Plant Performance Test
3. SU7-SC03.8, Thermal Power Measurement and Statepoint Data Collection
4. SU7-SE02.9, Operational Alignment of Nuclear Instrumentation
5. SU7-SE03.3, Axial Flux Difference Instrumentation Calibration
6. SU7-0018.5, Calibration of Steam and Feedwater Flow Instrumentation
7. SU7-SF06.6, Operational Alignment of Process Temperature Instrumentation
8. SU7-SF07.5, Startup Adjustments of Reactor Control System
9. SU7-AB03, Steam Generator Moisture Carryover Measurement
10. SU7-0020.7, Turbine/Generator Tests
11. SU7-0016, Biological Shield Testing
12. SU7-0013, NSSS Acceptance Test (250 Hour Run @ 100%)
13. SU7-SR02, Incore Moveable Detector and T/C Mapping at Power
14. SU7-AB01.6, Automatic Steam Generator Level Control
15. SU7-0009.3, Load Swing Tests
16. SU7-0010.2, Large Load Reduction
17. SU7-0011, Plant Trip From 100% Power
18. SU7-SE02.10, Operational Alignment of Nuclear Instrumentation

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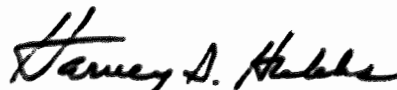
- M20 Completion of 100% Testing - Plant Turned Over to Dispatcher

STATE OF MISSOURI

OFFICE OF THE PUBLIC SERVICE COMMISSION

I have compared the preceding copy with the original on file in this office and I do hereby certify the same to be a true copy therefrom and the whole thereof.

WITNESS my hand and seal of the Public Service Commission at Jefferson City, this 15th day of May 1985.



Harvey G. Hubbs  
Secretary