



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

TE RA

AUG 29 1980

Docket Nos.: 50-483
and 50-486

MEMORANDUM FOR: B. J. Youngblood, Chief, Licensing Branch No. 1, DL
FROM: Richard M. Stark, Project Manager, Licensing Branch No. 1, DL
SUBJECT: CALLAWAY 1 AND 2 CASE LOAD FORECAST

DATE AND TIME: October 9 and 10, 1980
8:00 AM - 5:00 PM

LOCATION: Mokane Lions Club
Mokane, Missouri 65059
and
Callaway Site
Fulton, Missouri

PURPOSE: The NRC case load forecast panel meeting
and site visit for the Callaway 1 and 2
plants (see agenda)

PARTICIPANTS: NRC Staff
W. Lovelace, R. Stark, W. Hansen
Union Electric Company
A. Passwater

Richard M. Stark

Richard M. Stark, Project Manager
Licensing Branch No. 1
Division of Licensing

NOTE: Members of the public wishing to attend should contact Richard M. Stark
at 301-492-7238 by September 15, 1980 so that arrangements can be made
for their attendance.

8009230 770

CALLAWAY UNIT ONE
CASELOAD FORECAST PANEL SITE VISIT
MEETING AGENDA

1. Overview of project construction schedule including progress and major milestones completed since Caseload Panel visit of November, 1979, current problems and any anticipated problem areas that may impact the current projected fuel load date.
2. Detailed review and current status of design and engineering effort (by major discipline) including any potential problems that may arise from necessary rework.
3. Detailed review and current status of procurement activities including valves, pipe, instruments, cable, major components, etc.
4. Actual and proposed craft work force (by major craft), craft availability, productivity, potential labor negotiations and problems.
5. Detailed review and current status of all large and small bore pipe hangers, restraints, snubbers, etc., including design, rework, procurement, fabrication, delivery and installation.
6. Detailed review of project schedule identifying critical path items, near critical items, amount of float for various activities, the current critical path to fuel loading, methods of implementation of corrective action for any activities with negative float, and provisions for contingencies. The estimated project percent complete as of September 30, 1980.
7. Detailed review and current status of bulk quantities including current estimated quantities, quantities installed to date, quantities scheduled to date, current percent complete for each, actual versus forecast installation rates, and basis for figures.
 - (a) Concrete (CY)
 - (b) Process Pipe (LF)
 - Large Bore Pipe (2 1/2" and larger)
 - Small Bore Pipe (2" and smaller)
 - (c) Yard Pipe (LF)
 - (d) Large Bore Pipe Hangers, Restraints, Snubbers (ea)

(e) Small Bore Pipe Hangers, Restraints (ea)

(f) Cable Tray (LF)

(g) Total Conduit (LF)

(h) Total Exposed Metal Conduit (LF)

(i) Cable (LF)

- Power
- Control
- Security
- Instrumentation
- Plant Lighting

(j) Terminations (ea)

- Power
- Control
- Security
- Instrumentation
- Plant Lighting

(k) Electrical Circuits (ea)

- Power
- Control
- Security

(l) Instrumentation (ea)

8. Detailed review and current status of preparation of preop test procedures, integration of preop test activities with construction schedule, system turnover schedule, preop test schedule, current and proposed preop test program manpower.

- (a) Total number of procedures required for fuel load.
- (b) Number of draft procedures not started.
- (c) Number of draft procedures being written.
- (d) Number of procedures approved.
- (e) Number of procedures in review.
- (f) Total number of preop tests required for fuel load.
- (g) Number of preop tests completed.
- (h) Number of preop tests currently in progress.
- (i) Number of systems turned over to start-up.

9. Detailed discussion of potential schedular influence due to changes attributed to NUREG-0660, NUREG-0694 and other recent licensing requirements.
10. Site tour and observation of construction activities.

Mr. J. K. Bryan
Vice President - Nuclear
Union Electric Company
P. O. Box 149
St. Louis, Missouri 63166

cc: Mr. Nicholas A. Petrick
Executive Director - SNUPPS
5 Choke Cherry Road
Rockville, Maryland 20850

Gerald Charnoff, Esq.
Shaw, Pittman, Potts,
Trowbridge & Madden
1800 M Street, N.W.
Washington, D. C. 20036

Mr. J. E. Birk
Assistant to the General Counsel
Union Electric Company
P. O. Box 149
St. Louis, Missouri 63166

Dr. Vern Starks
Route 1, Box 863
Ketchikan, Alaska 99901

Ms. Treva Hearn, Assistant General
Counsel
Missouri Public Service Commission
P. O. Box 350
Jefferson City, Missouri 65102

Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 1748
Jefferson City, Missouri 65101

Mr. D. F. Schnell
Manager - Nuclear Engineering
Union Electric Company
P. O. Box 149
St. Louis, Missouri 63166

AUG 29 1980

MEETING NOTICE DISTRIBUTION

Docket File

Local PDR

TIC

NSIC

Branch File

H. Denton

E. Case

D. Eisenhut

R. Purple

T. Novak

S. Varga

T. Ippolito

R. A. Clark

R. Reid

R. Tedesco

J. Youngblood

A. Schwencer

Chief, Licensing Branch #3

J. R. Miller

G. Lainas

D. Crutchfield

Chief, Systemic Evaluation Program Branch

Chief, Operating Reactors Assessment Branch

R. Vollmer

R. Bosnak

F. Schauer

R. E. Jackson

G. Lear

V. Noonan

S. Pawlicki

V. Benaroya

Z. Rosztoczy

W. Haass

D. Muller

R. Ballard

W. Regan

J. D. Saltzman

D. Ross

P. Check

R. Satterfield

O. Parr

F. Rosa

W. Butler

W. Kreger

R. W. Houston

T. Murphy

W. Gammill

L. Rubenstein

T. Speis

Chief, Core Performance Branch

B. Grimes

H. Collins

F. Pagano

Emergency Preparedness Development Branch

J. Stolz

S. Hanauer

P. Collins

D. Vassallo

D. Ziemann

R. Mattson

R. Schroeder

K. Kniel

D. Skovholt

G. Knighton

M. Ernst

R. Baer

C. Berlinger

S. Israel

ACRS (16)

Attorney, OELD

OIE (3)

OSD (7)

Project Manager R. M. Stark

Licensing Assistant M. Rushbrook

Receptionist

TERA

J. LeDoux, I&E

I&E Headquarters

I&E Region I

I&E Region II

I&E Region III

I&E Region IV

I&E Region V

NRC Participants:

W. Lovelace, R. Stark, W. Hansen

bcc: Applicant & Service List