

UNION ELECTRIC COMPANY

1901 GRATIOT STREET  
ST. LOUIS, MISSOURI

DONALD F. SCHNELL  
VICE PRESIDENT

August 8, 1984

MAILING ADDRESS:  
P. O. BOX 149  
ST. LOUIS, MISSOURI 63166

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

ULNRC-903

NUMBER OF SHIFT ROTATIONS  
CALLAWAY PLANT  
DOCKET NUMBER 50-483

During our May 9, 1984 briefing at Callaway Plant for NRR and Region III management personnel, we informed you that our operations department staffing level was designed to support six shift crew rotations. Our long-term plan is to utilize the six-shift concept following power ascension testing, when Callaway plant operates commercially within the Union Electric System.

In the meantime, however, to more effectively support low power and power ascension testing, we have elected to operate with four 12-hour shift rotations, distributing personnel from six crews among the four rotations. This arrangement is expected to stabilize and enhance our operations during plant startup as follows:

1. More licensed supervisory and support personnel are available for each shift. Since all of our current activities must be processed through the control room (surveillance tests, power ascension tests, work requests, tagouts for workmen's protection, etc.), the Shift Supervisor has additional personnel available to supervise and support these activities.
2. Having only two shift changes per day increases our ability to coordinate work activities between shifts and improves overall communication.
3. Distributing licensed personnel among four shifts increases the participation and experience base of each individual during the initial startup program.

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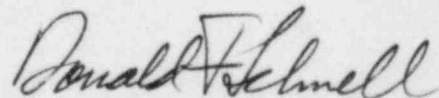
4. Twelve-hour shift coverage essentially eliminates random eight-hour back-to-back (16 hour) shifts for individuals and allows more specific planning of days off. Having double crew coverage on three days per week allows continuation of refresher training and some vacation time during this period.

In parallel with the move to 12-hour/4-shift rotations, we have assigned our Superintendent-Operations and his assistants to shift duties in the control room. This move is designed to enhance management control of plant startup and test activities which will be coordinated through these individuals. Having this additional operations management strength on shift is expected to help prevent or reduce our numbers of reportable events, especially those attributable to personnel error.

We expect this shift staffing arrangement (which commenced on August 5) to remain in effect until completion of the power ascension program near the end of this year. If our management objectives are achieved prior to that time, we will either return to a six-shift rotation or consider the 4-day, 12-hour, 5-shift rotation successfully utilized by other licensees.

A chart is attached which portrays our interim schedule on a week-to-week basis. If you have any questions about this arrangement, please contact me or Mr. S. E. Miltenberger, the Callaway Plant Manager.

Very truly yours,



Donald F. Schnell

DFS/bjp

Attachment

cc: Mr. James G. Keppler  
Mr. J. Holonich

OPERATIONS PERSONNEL  
INTERIM SCHEDULE

CREW	SCHEDULE			
	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1	N N N N N	D D D D D	D N N N N	D D D D N
2	D D D D D	D N N N N	D D D D N	N N N N N
3	D N N N N	D D D D N	N N N N N	D D D D D
4	D D D D N	N N N N N	D D D D D	D N N N N

Minimum Crews: 1 - Shift Supervisor  
2 - Operating Supervisors  
3 - Reactor Operators  
7 - Equipment Operators  
1 - Shift Advisor (when required)  
1 - Shift Technical Advisor

Management Personnel On Shift: Superintendent/Assistant Superintendent Operations

During 4 week cycle each crew: 2 days per week off  
20 hours per week overtime

STATE OF MISSOURI )  
 ) S S  
CITY OF ST. LOUIS )

Donald F. Schnell, of lawful age, being first duly sworn upon oath says that he is Vice President-Nuclear and an officer of Union Electric Company; that he has read the foregoing document and knows the content thereof; that he has executed the same for and on behalf of said company with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By Donald F. Schnell  
Donald F. Schnell  
Vice President  
Nuclear

SUBSCRIBED and sworn to before me this 9th day of August, 1984.

Barbara J. Pfaff  
BARBARA J. PFAFF  
NOTARY PUBLIC, STATE OF MISSOURI  
MY COMMISSION EXPIRES APRIL 22, 1985  
ST. LOUIS COUNTY

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

Nicholas A. Petrick  
Executive Director  
SNUPPS  
5 Choke Cherry Road  
Rockville, Maryland 20850

John H. Neisler  
Callaway Resident Office  
U.S. Nuclear Regulatory Commission  
RR#1  
Steedman, Missouri 65077

William Forney  
Division of Projects and  
Resident Programs, Chief, Section 1A  
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Very truly yours,

  
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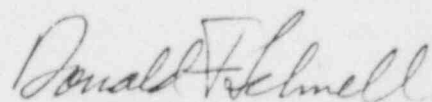
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