



Log # TXX-89858
File # 10305, 913.1
10035 (GL 86-14)
Ref. # 10CFR2.102(a)

December 28, 1989

William J. Cahill, Jr.
Executive Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RELATED TO PLANT STAFF EXPERIENCE

Gentlemen:

The TU Electric response to the request for information are provided in the following attachments.

Attachment 1 is a more detailed version of the information sent to the NRC, logged TXX-89753, dated October 26, 1989. It includes the amount of time above 20% full power and the average power levels for those individuals obtaining six months hot operating experience.

Attachment 2 addresses the individuals required to have six weeks hot operating experience above 20% full power requested in paragraph two, item (1) of the request.

Attachment 3 addresses the requested startup and shutdown experience of paragraph two, item (2) of the request for all crew supervision.

Attachment 4 is presented to consolidate the hot operating and startup and shutdown experience for each specific operating crew in a functional format. It relates the total crew experience level.

Attachment 5 provides the supporting and explanatory information necessary in using the various attachments. Section (A) presents the information on two SROs that the reviewer requested. This information is necessary to support the credit taken for their previous license at other plants.

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December 28, 1989

Page 2 of 2

Based on TU Electric's evaluation of the enclosed data, the experience requirements endorsed in Generic Letter 86-14 have been met. Should you need more information, please contact Mr. Greg Bell at (214) 812-4373.

Sincerely,

William J. Cahill, Jr.

By: 

G. S. Marshall

Generic Licensing Manager

GLB/vld

Attachments (5)

c - Ms. Melinda Malloy (NRR-OSP)
Mr. R. D. Martin, Region IV
Resident Inspectors, CPSES (3)

CPSES SUPERVISORS OBTAINING SIX MONTHS HOT OPERATING EXPERIENCE

NAME	TIME PERIOD	PLANT	(>20%) DAYS	AVG. POWER
DASKAM, THOMAS J. SHIFT SUPERVISOR (CREW 16)	03-15-85 TO 04-12-85	SALEM	15	100%
	04-29-85 TO 11-21-85	DIABLO CANYON	93	92%
	07-06-88 TO 07-15-88	RANCHO SECO	8	60%
	10-09-89 TO 10-14-89	DIABLO CANYON	5	100%
		TOTAL	121	
DEEN, MICHAEL D. SHIFT SUPERVISOR (WORK CONTROL)	01-01-82 TO 01-15-82	D. C. COOK	4	100%
	03-16-84 TO 04-13-84	TROJAN	15	100%
	03-25-85 TO 04-11-85	NORTH ANNA	15	100%
	07-30-85 TO 08-02-85	PRAIRIE ISLAND	4	95%
	04-23-86 TO 05-08-86	PRAIRIE ISLAND	12	100%
	06-02-86 TO 09-12-86	PRAIRIE ISLAND	68	100%
	04-06-87 TO 04-09-87	PRAIRIE ISLAND	3	88%
		TOTAL	121	
NOTE: MR. DEEN IS PRESENTLY ASSIGNED TO OTHER DUTIES TO SUPPORT PLANT STARTUP, BUT WILL BE UTILIZED AS NEEDED FOR LICENSED OPERATOR ACTIVITIES.				
HARVEY, SCOTTY E. SHIFT SUPERVISOR (CREW 14)	06-04-84 TO 06-15-84	BEAVER VALLEY	0	
	03-04-85 TO 03-15-85	MCGUIRE	8	75%
	03-10-86 TO 03-28-86	DIABLO CANYON	14	100%
	04-21-86 TO 05-09-86	SALEM	12	100%
	05-28-86 TO 11-21-86	ST. LUCIE	79	100%
	05-27-87 TO 06-12-87	CATAWBA	13	100%
	08-25-87 TO 09-05-87	MCGUIRE	7	100%
		TOTAL	133	
APPLE, K. C. UNIT SUPERVISOR (CREW 11)	07-22-85 TO 07-26-85	DIABLO CANYON	3	100%
	01-06-86 TO 11-21-86	BYRON	109	90%
	06-01-87 TO 06-15-87	DIABLO CANYON	20	100%
		TOTAL	132	
BROUGHTON, T. W. UNIT SUPERVISOR (CREW 13)	03-04-85 TO 03-22-85	MCGUIRE	14	60%
	04-12-85 TO 05-03-85	SAN ONOFRE	13	93%
	04-21-86 TO 11-21-86	ST. LUCIE	96	90%
		TOTAL	123	
BRYAN, G. C. UNIT SUPERVISOR (CREW 12)	11-04-85 TO 11-15-85	CALLOWAY	7	60%
	07-29-86 TO 09-12-86	SAN ONOFRE	15	60%
	11-04-86 TO 08-28-87	ARK. NUCLEAR 1	111	80%
		TOTAL	133	
BURNETT, S. P. UNIT SUPERVISOR (CREW 15)	06-05-84 TO 07-02-84	SURRY	30	90%
	02-27-89 TO 03-10-89	BYRON	0	5%
	08-84 TO 06-86	WOLF CREEK	130	>20%
		TOTAL	160	

NOTE: MR. BURNETT WAS PREVIOUSLY LICENSED (SRO) AT WOLF CREEK.
HE IS CREDITED WITH 130 DAYS ABOVE 20% POWER DURING THIS PERIOD.

CPSES SUPERVISORS OBTAINING SIX MONTHS HOT OPERATING EXPERIENCE

NAME	TIME PERIOD	PLANT	(>20%) DAYS	AVG. POWER
EGGEMEYER, N. C. UNIT SUPERVISOR (CREW 16)	12-02-85 TO 12-13-85	CATAWBA	8	73%
	08-10-87 TO 08-29-87	DIABLO CANYON	13	100%
	07-05-88 TO 07-15-88	ARK. NUCLEAR 1	5	85%
	01-23-89 TO 02-01-89	ST. LUCIE	6	75%
	03-83 TO 03-84	ARK. NUCLEAR 1	130	>20%
TOTAL			162	

NOTE: MR. EGGEMEYER WAS PREVIOUSLY LICENSED (RO) AT ARKANSAS NUCLEAR ONE.
HE IS CREDITED WITH 130 DAYS ABOVE 20% POWER DURING THIS PERIOD.

CPSES SUPERVISORS OBTAINING SIX WEEKS HOT PARTICIPATION EXPERIENCE

NAME	TIME PERIOD	PLANT	(>20%) DAYS	AVG. POWER
MARSH, TERRY L. SHIFT SUPERVISOR (CREW 11)	03-25-85 TO 04-12-85	NORTH ANNA	14	100%
	04-29-85 TO 05-25-85	DIABLO CANYON	16	87%
	01-06-86 TO 01-17-86	MCGUIRE	8	100%
	04-20-86 TO 05-03-86	ST. LUCIE	9	100%
	02-28-88 TO 03-09-88	DIABLO CANYON	7	98%
	11-27-88 TO 12-09-88	PALO VERDE	7	99%
	TOTAL		61	
SMITH, M. R. SHIFT SUPERVISOR (CREW 12)	06-04-84 TO 06-15-84	BEAVER VALLEY	5	50%
	03-04-85 TO 03-22-85	MCGUIRE	14	73%
	04-21-86 TO 05-02-86	DIABLO CANYON	9	100%
	04-27-87 TO 05-01-87	MCGUIRE	4	77%
	06-29-87 TO 07-03-87	MCGUIRE	5	100%
	01-25-88 TO 02-05-88	ST. LUCIE	10	100%
	08-23-88 TO 09-02-88	PALO VERDE	8	95%
	TOTAL		55	
BAIN, THOMAS E. SHIFT SUPERVISOR (CREW 13)	04-03-84 TO 04-19-84	TROJAN	12	88%
	03-25-85 TO 04-05-85	SALEM	9	100%
	09-30-87 TO 10-06-87	SALEM	5	100%
	06-27-88 TO 07-01-88	WOLF CREEK	3	100%
	10-23-89 TO 11-04-89	SALEM	7	100%
	TOTAL		36	
BEAUDIN, T. J. SHIFT SUPERVISOR (CREW 15)	04-03-84 TO 04-19-84	TROJAN	12	88%
	03-25-85 TO 04-05-85	SALEM	9	100%
	03-17-86 TO 03-27-86	DIABLO CANYON	8	100%
	05-26-87 TO 06-12-87	CATAWBA	13	100%
	09-30-87 TO 10-05-87	SALEM	5	100%
	07-05-88 TO 07-14-88	RANCHO SECO	7	57%
	10-23-89 TO 11-04-89	SALEM	7	100%
	TOTAL		61	
COTTON, C. R. UNIT SUPERVISOR (CREW 14)	07-28-87 TO 09-09-87	BRAIDWOOD	9	26%
	01-18-88 TO 01-29-88	ST. LUCIE	10	99%
	07-05-88 TO 07-21-88	RANCHO SECO	11	67%
	08-08-88 TO 08-17-88	DIABLO CANYON	8	91%
	11-27-88 TO 11-28-88	SAN ONOFRE	1	90%
	11-30-88 TO 12-08-88	DIABLO CANYON	8	100%
	TOTAL		47	

CPSES SUPERVISORS OBTAINING SIX WEEKS HOT PARTICIPATION EXPERIENCE

NAME	TIME PERIOD	PLANT	(>20%) DAYS	AVG. POWER
DAVIS, KYLE R. UNIT SUPERVISOR (CREW 12)	07-20-87 TO 08-29-87	DIABLO CANYON	30	98%
	02-29-88 TO 03-09-88	DIABLO CANYON	7	62%
	01-16-89 TO 01-26-89	PALO VERDE	4	72%
		TOTAL	41	
JANK, JAMES T. UNIT SUPERVISOR (CREW 16)	03-30-87 TO 04-13-87	DIABLO CANYON	9	78%
	05-30-87 TO 07-16-87	DIABLO CANYON	27	100%
	02-27-89 TO 03-09-89	PALO VERDE	0	
	06-26-89 TO 07-05-89	MCGUIRE	5	100%
		TOTAL	41	
SMITH, BART J. UNIT SUPERVISOR (CREW 15)	08-04-85 TO 08-10-85	DIABLO CANYON	2	100%
	03-29-87 TO 04-13-87	DIABLO CANYON	9	96%
	08-09-87 TO 08-29-87	DIABLO CANYON	15	99%
	02-28-88 TO 03-10-88	DIABLO CANYON	7	68%
		TOTAL	33	
SMITH, RUSSEL A. UNIT SUPERVISOR (CREW 14)	06-14-84 TO 06-29-84	ZION	5	>20%
	10-21-84 TO 12-14-84	PRAIRIE ISLAND	30	100%
	06-26-89 TO 07-14-89	CATAWBA	14	96%
	10-26-89 TO 11-04-89	SALEM	7	100%
		TOTAL	56	
MARTINEZ, RAUL UNIT SUPERVISOR (CREW 13)	09-26-88 TO 10-07-88	PALO VERDE	8	99%
	11-07-88 TO 11-18-88	BRAIDWOOD	6	64%
	12-04-89 TO 12-22-89	SAN ONOFRE	15	>20%
		TOTAL	30	

CPSES SUPERVISORS STARTUP AND SHUTDOWN EXPERIENCE

NAME	DATE	PLANT	STARTUP	SHUTDOWN
BAIN, THOMAS E. SHIFT SUPERVISOR (CREW 13)	10-02-87	SALEM		1
	11-03-89	SALEM	1	
		TOTAL	1	1
BEAUDIN, T. J. SHIFT SUPERVISOR (CREW 15)	10-02-87	SALEM		1
	11-03-89	SALEM	1	
		TOTAL	1	1
DASKAM, T. J. SHIFT SUPERVISOR (CREW 16)	04-10-85	SALEM	1	
	02-19-86	DIABLO CANYON	1	
		TOTAL	2	0
HARVEY, S. E. SHIFT SUPERVISOR (CREW 14)	05-07-86	SALEM	1	
	06-04-86	ST. LUCIE	1	
	06-19-86	ST. LUCIE	1	
	09-04-87	MCGUIRE		1
		TOTAL	3	1
MARSH, TERRY L. SHIFT SUPERVISOR (CREW 11)	05-03-85	DIABLO CANYON	1	
	05-20-85	DIABLO CANYON	1	
	01-16-86	MCGUIRE	1	
	03-08-88	DIABLO CANYON		1
		TOTAL	3	1
SMITH, M. R. SHIFT SUPERVISOR (CREW 12)	06-14-84	BEAVER VALLEY		1
	06-15-84	BEAVER VALLEY	1	
	05-01-87	MCGUIRE		1
	07-03-87	MCGUIRE	1	
		TOTAL	2	2
DEEN, MICHAEL D. SHIFT SUPERVISOR (WORK CONTROL)	07-28-86	PRAIRIE ISLAND	1	
	04-07-87	PRAIRIE ISLAND		1
		TOTAL	1	1
APPLE, K. C. UNIT SUPERVISOR (CREW 11)	07-04-86	BYRON		1
	10-03-86	BYRON	1	
		TOTAL	1	1
BROUGHTON, T. W. UNIT SUPERVISOR (CREW 13)	05-01-85	SAN ONOFRE		1
	06-02-86	ST. LUCIE	1	
	06-19-86	ST. LUCIE	1	
	09-06-86	ST. LUCIE	1	
	09-05-86	ST. LUCIE		1
		TOTAL	3	2
BRYAN, G. C. UNIT SUPERVISOR (CREW 12)	11-12-85	CALLAWAY	1	
	09-04-86	SAN ONOFRE		1
	11-09-86	ARK. NUCLEAR 1	1	
	07-16-87	ARK. NUCLEAR 1	1	
		TOTAL	3	1

CPSES SUPERVISORS STARTUP AND SHUTDOWN EXPERIENCE

NAME	DATE	PLANT	STARTUP	SHUTDOWN
BURNETT, S. P. UNIT SUPERVISOR (CREW 15)	08-84 TO 06-86	WOLF CREEK TOTAL	<u>1</u> 1	<u>1</u> 1
NOTE: MR. BURNETT WAS PREVIOUSLY LICENSED (SRO) AT WOLF CREEK. HE IS CREDITED WITH ONE STARTUP AND ONE SHUTDOWN DURING THIS PERIOD.				
COTTON, C. R. UNIT SUPERVISOR (CREW 14)	07-30-87	BRAIDWOOD	1	
	08-10-88	DIABLO CANYON	1	
	11-28-88	SAN ONOFRE		1
	12-05-88	DIABLO CANYON TOTAL	<u>1</u> 3	<u>1</u> 1
DAVIS, K. R. UNIT SUPERVISOR (CREW 12)	03-06-88	DIABLO CANYON	1	1
	01-21-89	PALO VERDE	1	
		TOTAL	<u>2</u>	<u>1</u>
EGGEMEYER, N. C. UNIT SUPERVISOR (CREW 16)	01-31-89	ST. LUCIE		1
	03-08-83 TO			
	03-15-84	ARK. NUCLEAR 1	1	1
		TOTAL	<u>1</u>	<u>2</u>
NOTE: MR. EGGEMEYER WAS PREVIOUSLY LICENSED AT ARKANSAS NUCLEAR ONE. HE IS CREDITED WITH ONE STARTUP AND ONE SHUTDOWN DURING THIS PERIOD.				
JANK, JAMES. T. UNIT SUPERVISOR (CREW 16)	07-15-87	DIABLO CANYON	1	
	07-05-89	MCGUIRE		1
		TOTAL	<u>1</u>	<u>1</u>
SMITH, B. J. UNIT SUPERVISOR (CREW 15)	03-06-88	DIABLO CANYON	1	1
		TOTAL	<u>1</u>	<u>1</u>
SMITH, R. A. UNIT SUPERVISOR (CREW 14)	10-27-84	PRAIRIE ISLAND	1	
	10-28-84	PRAIRIE ISLAND		1
	11-05-84	PRAIRIE ISLAND	1	
		TOTAL	<u>2</u>	<u>1</u>

NUMARC HOT PARTICIPATION EXPERIENCE SUMMARY

		CREW 11	CREW 12	CREW 13	CREW 14	CREW 15	CREW 16	WCC
SHIFT SUPERVISORS	HOT PARTICIPATION EXPERIENCE (DAYS)	61	55	36	133	61	121	121
	STARTUPS SHUTDOWNS	3 1	2 2	1 1	3 1	1 1	2 0	1 1
UNIT SUPERVISORS	HOT PARTICIPATION EXPERIENCE (DAYS)	132	133	123	47	160*	162*	
	STARTUPS	1	3	3	3	1*	1*	
	SHUTDOWNS	1	1	2	1	1*	2*	
UNIT SUPERVISORS	HOT PARTICIPATION EXPERIENCE (DAYS)		41	30	56	33	41	
	STARTUPS		2	0	2	1	1	
	SHUTDOWNS		1	0	1	1	1	
TOTALS	HOT PARTICIPATION EXPERIENCE (DAYS)	193	229	189	236	254	324	121
	STARTUPS	4	7	4	8	3	4	1
	SHUTDOWNS	2	4	3	3	3	3	1
COMMITMENT	HOT PARTICIPATION EXPERIENCE (DAYS)	150	150	150	150	150	150	
	STARTUPS	1	1	1	1	1	1	
	SHUTDOWNS	1	1	1	1	1	1	

*PREVIOUSLY LICENSED PWR: CREDITED WITH 130 DAYS EXPERIENCE, 1 STARTUP, 1 SHUTDOWN

SUPPLEMENTAL INFORMATION

A. Attachments 1, 3, & 4

Mr. Nick C. Eggemeyer was a previously licensed operator at Arkansas Nuclear One.

License Number --- OP-6273
Docket Number --- 55-9029
Facility Docket Number --- 50-313

Mr. Eggemeyer functioned as an Auxiliary Operator from 02/81 to 03/83. He performed licensed Reactor Operator duties in the Control Room from 03/83 to 03/84. During this time in the Control Room, he received fourteen (14) weeks SRO training (11/83 to 3/84) with the on-duty Shift Supervisor. During these time frames he participated in several startups and shutdowns including refueling.

Mr. Stanley P. Burnett was a previously licensed Senior Reactor Operator at Wolf Creek Generating Station.

License Number --- SOP-43082
Docket Number --- 55-40072
Facility Docket Number --- 50-482

Mr. Burnett functioned as a non-licensed Reactor Operator during the startup and construction phase of WCGS from 11/80 to 6/84. He performed licensed Reactor Operator duties in the Control Room from 8/84 to 4/86. During these time frames he participated in the fueling and startup of WCGS.

Based on the previous experience of Mr. Eggemeyer and Mr. Burnett, CPSES has credited to them one hundred-thirty (130) days hot operating experience, one (1) startup and one (1) shutdown.

B. Attachment 2 and 4

Mr. Raul Martinez is currently off-site completing his six weeks hot participation experience.

C. Attachment 2 and 4

Mr. Daskam has been unable to complete his shutdown experience. During his many attempts the plants did not shutdown on schedule or they tripped prior to the shutdown date.

While CPSES is still attempting to obtain the required shutdown for Mr. Daskam, we believe the shutdown experience for this crew is acceptable based on the shutdown experience of the Unit Supervisors. Furthermore, the CPSES "Hot Participation Experience Program" required both startups and shutdowns to include modes one through five, with a minimum of modes two and three being observed. Mr. Daskam although not meeting this specific requirement, participated in several shutdowns due to reactor trips.

D. Attachments 1, 2, and 4

The Industry Working Group proposal accepted by Generic Letter 84-16, only requires six weeks of the required six months "hot participation" experience to be at greater than twenty percent power. CPSES, in going a step further is taking credit only for those days when power was greater than twenty percent in calculating the six months (minimum of one hundred-twenty days). This results in significantly more "power operations" experience being attained. Additionally, credit was only taken in the time calculation for eight hours per day, 5 days per week. This also resulted in operators having more experience than that which is indicated in the tables.

**COMMITMENT TRACKING
OUTGOING CORRESPONDENCE EVALUATION
SHEET**

File No. : 10002

Page No. : 1

DOCUMENT IDENTIFICATION

Title/Subject : RESPONSE TO RAI ON HOT OPERATING EXPERIENCE

Log No. : TXX-89858
File : 10035
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Date : 12/29/1989

ITEM TRACKING

Description

**Tracking
Document/No.**

No new commitments identified in letter : TXX-89858

* Item Types : **EA** - External Action **OB** - Operational Basis **DB** - Design Basis
 IA - Internal Action **DO** - Description Only
 C - Committed Date **P** - Proposed Date

COMPLETED BY :

Initials GLB

Date 12/21/89

REVIEWED BY :

Initials JM

Date 12/28/89

W. G. Council
L. D. Nace
M. D. Spence/
J. D. Redding
W. J. Cahill

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J. L. Vote
N. S. Reynolds
F. A. Camp
L. Kennedy

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TXX File (Corp.)
TXX File (Site)
TXX File (Bethesda)

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JW Donahue
D.L. Bull

November 28, 1989