

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

February 9, 1984

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Ms. Adensam:

In the Matter of the Application of)	Docket Nos.	50-390
Tennessee Valley Authority)		50-391
			50-438
			50-439

This letter is in reply to your letter dated January 12, 1984 concerning a facility staffing survey for Watts Bar and Bellefonte Nuclear Plants. Enclosed are the completed surveys. Additional information was requested during the January 26, 1984 meeting between the NRC and operating license applicants regarding facility staffing. This additional information is currently in preparation and will be provided to the NRC as soon as it is complete.

If you have any questions concerning this matter, please get in touch with Bill Watters at FTS 858-2691.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Sworn to and subscribed before me
this 9th day of February 1984

Paulette H. White
Notary Public
My Commission Expires 9-5-84

Enclosure (20)

cc: U.S. Nuclear Regulatory Commission (Enclosure)
Region II
Attn: Mr. James P. O'Reilly Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

8402170051 840209
PDR ADOCK 05000390
A PDR

Boo!
11

ENCLOSURE

FACILITY STAFFING SURVEYPLANT Watts BarAnticipated Licensing Date 6/84

A. OPERATING SHIFT

1. No. of Shifts

(6)

RO LICENSE

2. No. of ROs Assigned to Shift Work

(24)

No. of Yrs. of Commerical RO experience on
Hot plants (post-initial criticality)

BWR

PWR

(0)

(0)

SRO LICENSE

3. No. of ASE's Assigned to Shift Work

(24)

No. of Yrs of Commercial RO experience on
Hot plants

BWR

PWR

(1-1/2mos)

(2yrs)

No. of Yrs of Commercial SRO experience on
Hot plants

BWR

PWR

(0)

(5-1/2mos)

4. No. of ASE's with 4-yr degrees

Non-engineering

Engineering

(1)

(1)

5. No. of Shift Engineers (SE)

(6)

No. of SE's with 4 year degrees

Non-engineering

Engineering

(0)

(0)

No. of Yrs of Commercial RO experience on
Hot plants

BWR

PWR

(4-1/3yrs)

(11-1/2mo)

No. of Yrs of Commerical SRO experience on
Hot plants

BWR

22mos

PWR

5yrs
11-1/2mo

Note: SE is senior authority on shift work.

Two additional POTC instructors who may function as shift operation technical advisors are available on an as needed basis. This would increase the total PWR SRO-SE experience to six years four and one-half months. One of these POTC instructors has an ME degree.

B. ON-SITE MANAGEMENT

Fill in Table (Use Appropriate Titles)

	STA	Operations Supervisor	Asst. Plant Supt. Engr. & OPNS	Plant Supt.	Asst. Plant Mgr. Maintenance	QA/QC Mgr
To have license at time of OL	No	Yes	No	No	No	No
Previously licensed						
RO/SRO	*	SRO	*	SRO	*	No
Type Plant	PWR	BWR	PWR	PWR	BWR	--
No. Years	48.5	8.6	1.5	2/3	0.5	--
No. Years "Hot" Exp.	10.2	2.6	--	0.5	--	--
Degreed	Yes	No	Yes	Yes	Yes	Yes
Type (Discipline(s))	Engr.	--	Mech. Engr.	Math Ed.	Elect. Engr.	Math
Level (A/B/M/D)	BS&MS	--	BS	BS	BS	BS

* These positions are not licensed, however they are certified to equivalent training.

C.

CORPORATE NUCLEAR EXPERIENCE
(i.e., "Off-Site" Management)

POSITION*	NAME	NUC NAVY (Yrs)	Operator Lic. (if ever held) RO/SRO/None	Yrs. at Oper. Nuc. Stations (On-Site) (Indicate whether BWR or PWR)	Yrs. at Other Nuc. Support/ Management Position (Off-Site)	Degrees Level (A/B/M/D)	Discipline(s)
Director NUC PR	J.A. Coffey	--	--	2.5 (BWR)	12.5	BS	Engr. Physics
Asst. Dir. NUC PR	T.G. Campbell	--	--	6 (BWR)	5	BS	Industrial Engr.
Mgr. Nuclear Production	P.R. Wallace	--	SRO	2 (PWR)	10	BS	Chem. Engr.
Mgr. Tech. Support	R.C. Parker	9	--	--	5	BS/MS	Physics/Nuc. Engr.
Mgr. Engr. & Maintenance	T.D. Knight	--	--	--	11	BS/MS	Nuc. Engr./Nuc. S & E
Plant Supt.	W.T. Cottle	4	SRO	6.5 (PWR)	2	BS	Math Education
Asst. Div. Director Fuels (Nuc.)	R.J. Mullin	--	--	--	15	MS/MBA	Nuc. Engr./Bus. Admin.
Mgr. Nuclear Licensing	L.M. Mills	--	--	--	16	BS/MS	Elect. Engr./Nuc. Engr.
Mgr. OQA	J.W. Anderson	--	--	--	26 Mixed	MS	Mech. Engr.

*Position titles shown are illustrative; please enter appropriate titles

FACILITY STAFFING SURVEYPLANT BellefonteAnticipated Licensing Date Unit 1 10/87

A. OPERATING SHIFT

1. No. of Shifts

5

2. No. of ROs Assigned to Shift Work

20

No. of Yrs. of Commercial RO experience on
Hot plants (post-initial criticality)

BWR

PWR

0

0

3. No. of SROs Assigned to Shift Work

21

No. of Yrs of Commercial RO experience on
Hot plants

BWR

PWR

0

1

No. of Yrs of Commercial SRO experience on
Hot plants

BWR

PWR

0

0

4. No. of SROs with 4-yr degrees

Non-engineering

Engineering

0

1

5. No. of Shift Supervisors (SS)

Non-engineering

Engineering

0

0

No. of Yrs of Commercial RO experience on
Hot plants

BWR

PWR

1

0

No. of Yrs of Commercial SRO experience on
Hot plants

BWR

PWR

4

1

Note: SS is senior authority on shift work.

B. ON-SITE MANAGEMENT

Fill in Table (Use Appropriate Titles)

	STA	Operations Supervisor	Assistant Plant Mgr.	Plant Mgr.	Maintenance Manager	QA/QC Mgr
To have license at time of OL	(1)	Yes	(1)	(2)	(1)	No
Previously licensed						
RO/SRO	No	Yes	(2)	Yes	No	No
Type Plant	--	BWR	PWR	BWR	--	--
No. Years	--	5	2.5	2	--	--
No. Years "Hot" Exp.	--	5	2.5	1	--	--
Degreed	Yes	No	Yes	No	Yes	Yes
Type (Discipline(s))	(3)	--	Chem. Engr.	Engineering	Elec. Engr.	Elec. Engr.
Level (A/B/M/D)	B	--	B	(4)	B	B

- (1) Will complete licenses certification training without actually licensing.
 (2) Completed Naval Reactors Chief Engineer's Exam.
 (3) Disciplines include Nuclear, Chemical, Mechanical, and Electrical Engineers.
 (4) 1.5 years.

C.

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(I.e., "Off-Site" Management)

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Asst. Dir. NUC PR	T.G. Campbell	--	--	6 (BWR)	5	BS	Industrial Engr.
Mgr. Nuclear Production	P.R. Wallace	--	SRO	2 (PWR)	10	BS	Chem. Engr.
Mgr. Tech. Support	R.C. Parker	9	--	--	5	BS/MS	Physics/Nuc. Engr.
Mgr. Engr. & Maintenance Plant Supt.	T.D. Knight	--	--	--	11	BS/MS	Nuc. Engr./Nuc. S & E
	A. Qualls	--	RO/SRO	5 (BWR)	15	Attended	No Degree
Asst. Div. Director Fuels (Nuc.)	R.J. Mullin	--	--	--	15	MS/MBA	Nuc. Engr./Bus. Adm.
Mgr. Nuclear Licensing	L.M. Mills	--	--	--	16	BS/MS	Elect. Engr./Nuc. Eng
Mgr. OQA	J.W. Anderson	--	--	--	26 Mixed	MS	Mech. Engr.

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