



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

8/9/84

MEMORANDUM FOR: William Miller, Chief
Licensee Fee Management Branch
Office of Administration

FROM: Elliott A. Greher, Program Analyst
Program Support and Analysis Staff
Office of Inspection and Enforcement

SUBJECT: REQUESTED LICENSE FEE INFORMATION

We have reviewed available records on IE staff effort -- staff or IE consultants assigned to IE headquarters or to the Technical Training Center -- devoted to license fee-billable efforts for the reactor license PALO VERDE 2, docket number 50-528 during the period 5/25/76 to 6/23/84.

- () There is no record of IE staff effort.
- () There is IE staff effort and it is all devoted to IE functions. A total of _____ hours of effort is recorded. See enclosed computer run for the details.
- () There is IE staff effort and it is all devoted to regional functions. The appropriate computer run has been mailed to region _____.
- (X) There is IE staff effort and it is devoted in part to IE functions. A total of 588.00 hours of effort is recorded. See enclosed computer run for details. There is also IE staff effort devoted to regional functions. The appropriate computer run has been mailed to region V.
- (X) We are still searching available contractor cost records and expect to provide that information to you and to the regions, as appropriate within three weeks.
- () There is no record of IE computer costs.
- () There are IE contractor costs. See enclosed information.

Elliott A. Greher, Program Analyst
Program Support and Analysis Staff
Office of Inspection and Enforcement

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Enclosures:
As stated

cc w/o enclosures:
J. L. Blaha, IE
A. J. Burda, IE

K. Hamill (w/mil)

9102070268 900921
PDR FDIA
WILLIAM90-162 PDR

WK- ENDING	ORG CODE	50C- SEC NO	ACT CODE	REG HRS	NON- REG HRS	TOTAL HRS
010183	I411		LRA	8.0	.0	8.0
TOTAL	010183		LRA	8.0	.0	8.0
010580	R930		PB1	3.0	1.0	4.0
TOTAL	010580		PB1	3.0	1.0	4.0
010883	I411		LRA	40.0	.0	40.0
TOTAL	010883		LRA	40.0	.0	40.0
010883	I411		LRA	24.0	.0	24.0
TOTAL	010883		LRA	24.0	.0	24.0
011280	R930		PB1	7.0	.0	7.0
TOTAL	011280		PB1	7.0	.0	7.0
011280	R930		PB1	7.0	.0	7.0
TOTAL	011280		PB1	7.0	.0	7.0
011484	I242		LRA	2.0	.0	2.0
TOTAL	011484		LRA	2.0	.0	2.0
011583	I241		LRA	8.0	.0	8.0
TOTAL	011583		LRA	8.0	.0	8.0
011583	I241		LRA	8.0	.0	8.0
TOTAL	011583		LRA	8.0	.0	8.0
012184	I242		LRA	18.0	.0	18.0
TOTAL	012184		LRA	18.0	.0	18.0
012283	I113		LRA	3.0	.0	3.0
TOTAL	012283		LRA	3.0	.0	3.0
012283	I113		LRA	3.0	.0	3.0
TOTAL	012283		LRA	3.0	.0	3.0
012884	I242		LRA	32.0	.0	32.0
TOTAL	012884		LRA	32.0	.0	32.0
012983	I113		LRA	4.0	.0	4.0
TOTAL	012983		LRA	4.0	.0	4.0
012983	I113		LRA	4.0	.0	4.0
TOTAL	012983		LRA	4.0	.0	4.0
020484	I242		LRA	21.0	.0	21.0
TOTAL	020484		LRA	21.0	.0	21.0
020484	I242		LRA	21.0	.0	21.0
TOTAL	020484		LRA	21.0	.0	21.0

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	WK ENDING	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS
	020484	I242		LRA	4.0	.0	4.0
WK-END TOTAL	020484	I242		LRA	4.0	.0	4.0
	020484	I221		EVA	8.0	.0	8.0
WK-END TOTAL	020484	I221		EVA	8.0	.0	8.0
	021184	I242		LRA	4.0	.0	4.0
WK-END TOTAL	021184	I242		LRA	4.0	.0	4.0
	021884	I242		LRA	24.0	.0	24.0
WK-END TOTAL	021884	I242		LRA	24.0	.0	24.0
	021983	I241		LRA	3.0	.0	3.0
WK-END TOTAL	021983	I241		LRA	3.0	.0	3.0
	030384	I112		LRA	19.0	.0	19.0
WK-END TOTAL	030384	I112		LRA	19.0	.0	19.0
	031084	I112		LRA	6.0	.0	6.0
WK-END TOTAL	031084	I112		LRA	6.0	.0	6.0
	031784	I112		LRA	1.0	.0	1.0
WK-END TOTAL	031784	I112		LRA	1.0	.0	1.0
	032484	I112		LRA	5.0	.0	5.0
WK-END TOTAL	032484	I112		LRA	5.0	.0	5.0
	032484	I242		LRA	6.0	.0	6.0
WK-END TOTAL	032484	I242		LRA	6.0	.0	6.0
	033184	I112		LRA	1.0	.0	1.0
WK-END TOTAL	033184	I112		LRA	1.0	.0	1.0
	040983	I242		10R	21.0	.0	21.0

WK- END	TOTAL	WK ENDING	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS
WK-END	TOTAL	041683	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	041683	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	041683	I241		LRA	5.0	.0	5.0
WK-END	TOTAL	041683	I241		LRA	5.0	.0	5.0
WK-END	TOTAL	041683	I242		10R	40.0	10.0	50.0
WK-END	TOTAL	041683	I242		10R	40.0	10.0	50.0
WK-END	TOTAL	042383	I113		LRA	2.0	.0	2.0
WK-END	TOTAL	042383	I113		LRA	2.0	.0	2.0
WK-END	TOTAL	042383	I242		10R	40.0	10.0	50.0
WK-END	TOTAL	042383	I242		10R	40.0	10.0	50.0
WK-END	TOTAL	043083	I113		LRA	18.0	.0	18.0
WK-END	TOTAL	043083	I113		LRA	18.0	.0	18.0
WK-END	TOTAL	050584	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	050584	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	050584	I150		DR1	3.0	.0	3.0
WK-END	TOTAL	050584	I150		DR1	3.0	.0	3.0
WK-END	TOTAL	050783	I113		LRA	4.0	.0	4.0
WK-END	TOTAL	050783	I113		LRA	4.0	.0	4.0
WK-END	TOTAL	050783	I242		LRA	9.0	.0	9.0
WK-END	TOTAL	050783	I242		LRA	9.0	.0	9.0
WK-END	TOTAL	051279	R930		PTG	7.0	3.0	10.0
WK-END	TOTAL	051279	R930		PTG	7.0	3.0	10.0
WK-END	TOTAL	051279	R930		PTG	7.0	3.0	10.0
WK-END	TOTAL	051279	R930		PTG	7.0	3.0	10.0
WK-END	TOTAL	051483	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	051483	I113		LRA	6.0	.0	6.0

SUPPER RD

TOPIC INSP

PTG = PAID

TOWN.

WK-END	TOTAL	WK ENDING	ORG CODE	SQC-SEC NO	ACT CODE	REG HRS	NDH-REG HRS	TOTALHRS
WK-END	TOTAL	051483	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	051413	I242		LRA	24.0	3.0	27.0
WK-END	TOTAL	051483	I242		LRA	24.0	3.0	27.0
WK-END	TOTAL	051979	R930		PTG	8.0	.0	8.0
WK-END	TOTAL	051984	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	051984	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	052183	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	052183	I113		LRA	6.0	.0	6.0
WK-END	TOTAL	052183	I242		LRA	12.0	.0	12.0
WK-END	TOTAL	052183	I242		LRA	12.0	.0	12.0
WK-END	TOTAL	052883	I241		LRA	8.0	.0	8.0
WK-END	TOTAL	052883	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	052883	I242		LRA	4.0	.0	4.0
WK-END	TOTAL	060483	I113		LRA	8.0	.0	8.0
WK-END	TOTAL	060483	I113		LRA	8.0	.0	8.0
WK-END	TOTAL	060984	I242		LRA	8.0	.0	8.0
WK-END	TOTAL	060984	I242		LRA	8.0	.0	8.0
WK-END	TOTAL	061183	I113		LRA	16.0	.0	16.0
WK-END	TOTAL	061183	I113		LRA	16.0	.0	16.0
WK-END	TOTAL	061183	I241		LRA	8.0	.0	8.0
WK-END	TOTAL	061183	I241		LRA	8.0	.0	8.0



Support to RA

		WK END IN	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS	
		061684	I150		DR1	2.0	.0	2.0	
WK-END	TOTAL	061684	I150		DR1	2.0	.0	2.0	
		061684	I242		LRA	16.0	.0	16.0	
WK-END	TOTAL	061684	I242		LRA	16.0	.0	16.0	
		061883	I241		LRA	2.0	.0	2.0	
WK-END	TOTAL	061883	I241		LRA	2.0	.0	2.0	
		070283	I113		LRA	2.0	.0	2.0	
WK-END	TOTAL	070283	I113		LRA	2.0	.0	2.0	
		070283	I241		LRA	18.0	.0	18.0	
WK-END	TOTAL	070283	I241		LRA	18.0	.0	18.0	
		070983	I241		LRA	11.0	.0	11.0	
WK-END	TOTAL	070983	I241		LRA	11.0	.0	11.0	
		071683	I241		LRA	5.0	.0	5.0	
WK-END	TOTAL	071683	I241		LRA	5.0	.0	5.0	
		073083	I241		LRA	17.0	.0	17.0	
WK-END	TOTAL	073083	I241		LRA	17.0	.0	17.0	
		073083	I113		LRA	3.0	.0	3.0	
WK-END	TOTAL	073083	I113		LRA	3.0	.0	3.0	
		080683	I242		LRA	2.0	.0	2.0	
WK-END	TOTAL	080683	I242		LRA	2.0	.0	2.0	
		080683	I241		LRA	16.0	.0	16.0	
WK-END	TOTAL	080683	I241		LRA	16.0	.0	16.0	
		081383	I241		LRA	2.0	.0	2.0	
WK-END	TOTAL	081383	I241		LRA	2.0	.0	2.0	

SUPPORT TO R

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	WK ENDING	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS
	082083	I113		LRA	3.0	.0	3.0
WK-END TOTAL	082083	I113		LRA	3.0	.0	3.0
	082733	I241		LRA	2.0	.0	2.0
WK-END TOTAL	082783	I241		LRA	2.0	.0	2.0
	090383	I241		LRA	4.0	.0	4.0
WK-END TOTAL	090383	I241		LRA	4.0	.0	4.0
	090383	I113		LRA	2.0	.0	2.0
WK-END TOTAL	090383	I113		LRA	2.0	.0	2.0
	101583	I241		LRA	8.0	.0	8.0
WK-END TOTAL	101583	I241		LRA	8.0	.0	8.0
	103082	I412		LRA	3.0	.0	3.0
WK-END TOTAL	103082	I412		LRA	3.0	.0	3.0
	110583	I241		LRA	4.0	.0	4.0
WK-END TOTAL	110583	I241		LRA	4.0	.0	4.0
	110583	I113		LRA	3.0	.0	3.0
WK-END TOTAL	110583	I113		LRA	3.0	.0	3.0
	110682	I412		LRA	2.0	.0	2.0
WK-END TOTAL	110682	I412		LRA	2.0	.0	2.0
	111283	I113		LRA	1.0	.0	1.0
WK-END TOTAL	111283	I113		LRA	1.0	.0	1.0
	111983	I241		LRA	8.0	.0	8.0
WK-END TOTAL	111983	I241		LRA	8.0	.0	8.0
	112082	I411		LRA	20.0	.0	20.0

MS DATA FOR PALO VERDE 1 (50/528)
MAY 25, 1976 TO JUNE 23, 1984

WK- ENDING	TOTAL	WK ENDING	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS
WK-END	TOTAL	112082	I411		LRA	20.0	.0	20.0
		112082	I411		L0A	4.0	.0	4.0
WK-END	TOTAL	112082	I411		L0A	4.0	.0	4.0
		112782	I411		LRA	12.0	.0	12.0
WK-END	TOTAL	112782	I411		LRA	12.0	.0	12.0
		120482	I411		LRA	16.0	.0	16.0
WK-END	TOTAL	120482	I411		LRA	16.0	.0	16.0
		121182	I411		LRA	16.0	.0	16.0
WK-END	TOTAL	121182	I411		LRA	16.0	.0	16.0
		121783	I113		LRA	1.0	.0	1.0
WK-END	TOTAL	121783	I113		LRA	1.0	.0	1.0
		121882	I411		LRA	8.0	.0	8.0
WK-END	TOTAL	121882	I411		LRA	8.0	.0	8.0
		122582	I411		LRA	16.0	.0	16.0
WK-END	TOTAL	122582	I411		LRA	16.0	.0	16.0
		122582	I412		PDA	2.0	.0	2.0
WK-END	TOTAL	122582	I412		PDA	2.0	.0	2.0

X

	WK ENDING	ORG CODE	SOC-SEC NO	ACT CODE	REG HRS	NON-REG HRS	TOTALHRS
GRAND TOTAL					753.0	27.0	780.0

$$\begin{array}{r}
 753.0 \\
 - 165.0 \\
 \hline
 588.0
 \end{array}$$

LRA = LICENSING FOR OL

I 1 -- QA LICENSING

I 2 -- } EP LICENSING

I 4 -- }

10/23/84

Jim -

Region I

For WNP-1 and WNP-3 OH review cases, all time reported as QAT or 3BH should, in my opinion, be excluded from the OH review computation on costs because Chapter 17 of the FSA is for these two facilities. Reference WPPSS typical report No. WPPSS-QA-004. We have collected fee for revisions to this report through Rev. 7 approval on 3/23/83. Other revisions might be in for review now. I plan to address these and others in a separate memorandum to I&T Regions.

Qiba

Enclosure:

Region I cases at issue on QA review

Rec'd V.P. to License
WCA 70-20

1. Sierra California Electric Co (50-1)
as of 1/27/83 - operating

2. Washington Public Power Supply System (GA 100):

- * a. WNP-1 - OL review, but for P (50-46)
- b. WNP-2 - operating, 100% financed as of 1/13/84
- ** c. WNP-3 - OL review P (50-508)
- d. WNP-4 - Post-proposal - still trying to get it away
- e. WNP-5 - under construction - no OL appl. filed

Other to be reviewed

Licenses do not have top 15 for GA;
GA is Chapter 17 of 7-118

1. Alameda Public Service:

a. OL review 1/27/83 - OL review
to be withdrawn 1/25/84

2. Pacific Gas & Electric:

- a. OL review 1 - 50% licensed 4/18/84
- b. OL review 2 - OL review
- c. OL review 3 - Licensed, but no being
re-commissioned.

Per Mike Mills 10/23/84 JSAR's Chap. 17 says:

* GA ^{design/construct} 10 is described in Topical WPPSS-GA-004,
Chap. 17-1 & 17-2

** for GA during operational phase see Topical report
WPPSS-GA-1004 which was sent to NRC
under separate cover.