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United State Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: **Docket No. 50-188, Facility License R-88, Five-Year Estimate of Operating Costs**

Dear Sir/Madam:

The estimate for total annual operating costs for each of the first five years of operation of the facility, in accordance with Title 10 of the *Code of Federal Regulations*, Part 50.33(f)(2), follows.

EXPENSES	2007	2008	2009	2010	2011
FTE	\$90,825	\$93,550	\$96,356	\$99,247	\$102,224
Hourly support	\$31,134	\$23,712	\$23,712	\$23,712	\$23,712
Other personnel support	\$29,199	\$330	\$12,330	\$12,330	\$12,330
Utilities & maintenance	\$62,524	\$58,436	\$59,755	\$61,114	\$62,513
Personnel monitoring	\$600	\$600	\$600	\$600	\$600
Operator license expenses	\$1,300	\$1,300	\$1,300	\$1,300	\$1,300
Communications & Security	\$670	\$670	\$670	\$670	\$670
Supplies	\$8,500	\$4,500	\$4,500	\$4,500	\$4,500
TOTAL	\$224,752	\$183,098	\$199,223	\$203,473	\$207,849

INCOME	2007	2008	2009	2010	2011
Budgeted FTE	\$90,825	\$93,550	\$96,356	\$99,247	\$102,224
Hourly support	\$23,712	\$23,712	\$23,712	\$23,712	\$23,712
Facility support	\$62,524	\$58,436	\$59,755	\$61,114	\$62,513
Commercial training	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200
Calibration Service	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200
Research & service (support)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Funded research (direct)	\$40,291		\$12,000	\$12,000	\$12,000
TOTAL	\$224,752	\$183,098	\$199,223	\$203,473	\$207,849

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BASIS/EXPLANATION

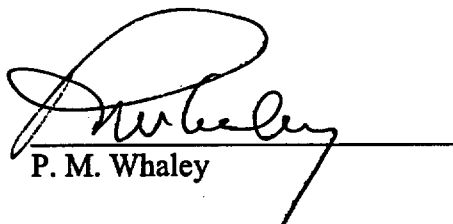
The facility is budgeted for staffing by one full time employee (FTE) and student operators ("Hourly support"). Facility resources support hourly employees and graduate research assistants ("Other personnel support") as available. Kansas State University (KSU) allocates State funding (expense "Utilities & Maintenance," and income "Facility support") based on a fraction of direct costs that includes salaries, supplies, and other incidental expenses and excludes equipment costs and scholarships. KSU manages a personnel radiation dosimetry program ("Personnel Monitoring"). Reactor operator licensing incurs expenses ("Operator licensing expenses") related to obtaining and maintaining medical certification, and charges for fingerprints used in criminal history checks. "Communications & security" includes telephone and security system monitoring charges. Miscellaneous consumable material ("Supplies") includes gloves, absorbent paper, lamps, recorder pens, etc. required for routine operations.

The facility provides training for a regional nuclear power plant ("Commercial training"). The KSU Radiation Protection Program requires periodic calibration of survey instruments; the reactor facility performs calibration ("Calibration service"). The reactor facility supports funded projects and service with neutron activation analysis, irradiations, etc. ("Research & service - support"). Historically, Department of Energy (DOE) initiatives supported research, student, and facility improvements ("Funded research - direct"); a restructuring of DOE programs in 2006-2007 occurred, with restoration of some support expected in 2007-2008.

If you have any questions or comments concerning this matter, you may contact me at 785-776-4294 or whaley@ksu.edu.

I verify under penalty of perjury the foregoing is true and correct.

Executed on May 17, 2007,


P. M. Whaley

Docket No. 50-188

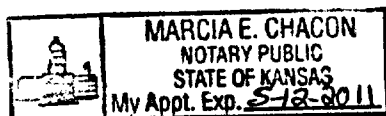
State of Kansas)
County of Riley)

Signed or attested before me on May 17, 2007 by Marcia E Chacon

Dated: 5/17/2007

My appointment expires: 5/12/2011

Marcia E Chacon
Signature of Notary Public



CC: 1. USNRC, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, TX 76011-4005.

2. USNRC, D. Hughes, Mail Stop O12-G13, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852-2738