



DEPARTMENT OF VETERANS AFFAIRS  
NEBRASKA-WESTERN IOWA HEALTH CARE SYSTEM

Omaha  
4101 Woolworth Avenue  
Omaha NE 68105-1873

Lincoln  
600 S 70<sup>th</sup> Street  
Lincoln NE 68510-2493

Grand Island  
2201 N Broadwell Avenue  
Grand Island NE 68803-2196

June 9, 2005

In Reply Refer To: 636/151

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Re: 2004 Annual Operating Report for the Alan J. Blotcky Reactor Facility, License R-57,  
Docket # 50-131

This annual operating report is being submitted in compliance with technical specification 6.7.1,  
"Annual Operating Report".

Summary of Reactor Operating Experience during 2004.

The reactor remained shutdown with no fuel onsite throughout 2004. The reactor was permanently shutdown on 11/5/2001. All fuel was transferred to the USGS TRIGA facility during June of 2002. The fission chambers used in the reactor's nuclear instrumentation system were transferred to USGS during December 2002. The reactor's Am-Be neutron sources were removed from the reactor facility and transferred to the Department of Energy's Off-Site Source Recovery Program on 7/24/2003

Unscheduled Shutdowns

The reactor was maintained in a scheduled secured shutdown condition throughout 2004

Major preventative and corrective maintenance

No major safety related maintenance was performed during 2004

Changes, Tests and Experiments

There were no changes, tests or experiments conducted during 2004

Radioactive Effluents

No radioactive effluents were associated with the AJBRF were released or discharged beyond the effective control of the Medical Center during 2004

Environmental Surveys

No additional environmental surveys were conducted during 2004

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Radiation Exposures

There were no radiation exposures received by AJBRF personnel or visitors exceeding 25% of allowable limits during 2004.



AL WASHKO  
Director



LYNELL W. KLASSEN  
Associate Chief of Staff/Research  
ASBRF On Site Manager

Cc: Alexander Adams, Jr.