

June 8, 2005

Mr. Stephen Pfaff
Petrotomics Company
4711 East 15th St.
Casper, WY 82609

SUBJECT: TERMINATION OF THE PETROTOMICS COMPANY SOURCE MATERIALS
LICENSE SUA-551 FOR THE SHIRLEY BASIN SOUTH URANIUM MILL
TAILINGS SITE (TAC LU0088)

Dear Mr. Pfaff:

By letter dated May 12, 2005, the U.S. Department of Energy (DOE) submitted the final Long-Term Surveillance Plan (LTSP) for the Petrotomics Company (Petrotomics) Shirley Basin South uranium mill tailings site for review by the U.S. Nuclear Regulatory Commission (NRC) staff. A correction to one page of the LTSP was provided by the DOE in a letter dated June 1, 2005. The purpose of this letter is to advise Petrotomics that the NRC has accepted the Shirley Basin South LTSP. The acceptance of the LTSP establishes the DOE as the long-term custodian and caretaker of the Shirley Basin South site under the general license specified in 10 CFR Part 40.28. In a concurrent action, the NRC hereby terminates Petrotomics' Source Materials License SUA-551 for the Shirley Basin South site. These actions complete all requirements for closure of the Shirley Basin South site under the Uranium Mill Tailings Radiation Control Act of 1978, as amended. Petrotomics is now free to terminate its existing financial surety instrument for reclamation of the Shirley Basin South site. An environmental assessment is not required for these actions as they are categorically excluded under 10 CFR Part 51.22(c)(11).

If you have any questions regarding this letter, please contact Rick Weller, the Project Manager for Shirley Basin South at (301) 415-7287 or by e-mail to RMW2@nrc.gov.

S. Pfaff

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June 8, 2005

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room.)

Sincerely,

/RA/

Gary S. Janosko, Chief
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No.: 40-6659
License No.: SUA-551

cc: D. Bergman-Tabbert, DOE GJO
T. Pauling, DOE GJO
M. Plessinger, Stoller GJO
M. Franko, Petrotomics
R. Chancellor, WDEQ
M. Moxley, WDEQ
R. Hoy, WDEQ

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R. Hoy, WDEQ

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*See previous concurrence

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DATE	06/03/05	06/07/05	06/07/05	06/08/05

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