

BOEING
SERVICES INTERNATIONAL INC.

Mailing Address:

P.O. Box 10838
PLEASANT HILLS, PA 15236

MINING EQUIPMENT TEST FACILITY
BRUCETON RESEARCH CENTER

Cochrans Mill Road
Bruceton, PA

May 15, 1985
W6200-85-040

Mr. John Glenn
Nuclear Materials Section B
Nuclear Materials and Safeguards Branch
Nuclear Regulatory Commission, Region 1
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Glenn:

Due to changed circumstances, Boeing Services International, Inc. requests that its byproduct material license No. 37-21292-01 be amended. BSI's original application for a byproduct material license is Enclosure 1 to this letter. The areas to be amended will be discussed below and keyed to the item numbers as they appear on the original application.

ITEM 3--PERSON TO BE CONTACTED REGARDING THIS AMENDMENT

Lawrence F. Miller, Radiation Protection Officer, can be contacted regarding this request at (412) 675-6731.

ITEM 6--INDIVIDUAL(S) WHO WILL USE OR DIRECTLY SUPERVISE THE USE OF LICENSED MATERIAL

BSI requests that the name of Henry J. Owoc be deleted from all sections of the license and application since Mr. Owoc is no longer an employee of this company.

ITEM 8--LICENSED MATERIAL

BSI requests that the license be amended to include the following additional sealed sources:

Neutron--3 ea. (max.) Cf-252 1 ug (.54 mCi)
Amersham Model No. CVN.3, X.1

Neutron--2 ea. (max.) Cf-252 2 ug (1.1 mCi)
Amersham Model No. CVN.4, X.1

Gamma-- 3 ea. (max.) Cs-137 1 mCi
Amersham Model No. CDC.801, X.8

Applicant	421 / 439
Check no	#40/3P + #20
Amend	Amendments
Date	5/28/85
By	Brown
Received By	16/10/85

These sources can be used in gauging devices developed and fabricated by Science Applications, Inc. for use on a 6-inch coal slurry pipeline.

"OFFICIAL RECORD COPY"

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Neutron--2 ea. (max.) Cf-252 5 ug (2.7 mCi)
Amersham Model No. CVN.5, X .1

Neutron--2 ea. (max.) Cf-252 10 ug (5.4 mCi)
Amersham Model No. CVN-6, X .1

Neutron--1 ea. (max.) Cf-252 20 ug (10.7 mCi)
Amersham Model No. CVN.7, X.1

Gamma-- 2 ea. (max.) Cs-137 5 mCi
Amersham Model No. CDC.804, X.8

Gamma-- 1 ea. (max.) Cs-137 10 mCi
Amersham Model No. CDC.805, X.8

Gamma-- 3 ea. (max.) Cs-137 20 mCi
Amersham Model No. CDC.706, X.8

These sources can be used in gauging devices developed and fabricated by Science Applications, Inc., for use on an 18-inch coal slurry pipeline.

Detailed information on these SAI gauging devices is contained in SAI letters dated 23 March 1984 and 24 August 1984. These letters are Enclosures 2 and 3. Please note that, as owner of the sources, the Bureau of Mines has also applied for amendment to their existing license to include these sources.

ITEM 11--CALIBRATION OF INSTRUMENTS

BSI requests that the frequency of calibration of the count rate meter be revised from 6-month intervals to an annual calibration. The name of the service company used to calibrate the instrument is Ludlum Measurements, Inc., of P.O. Box 810, 501 Oak Street, Sweetwater, TX 79566.

Should you have any questions or comments, please contact the METF Radiation Protection Officer, Larry Miller, at (412) 675-6731. A check for \$40 is enclosed for the processing fee.

Sincerely,

BOEING SERVICES INTERNATIONAL, INC.



M.E. Henderson
METF Deputy Project Manager

LFM:jav

Enclosures:

- 1) Application package
- 2) SAI letter, 23 March 1984
- 3) SAI letter, 24 August 1984
- 4) \$40 check

cc: W.E. Evans (BOM) (w/o enc.)
A.J. Miscoe (BOM) (w/o enc.)
P.M. Yavorsky (BOM) (w/o enc.)