THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

United States Steel Corporation

LAW DEPARTMENT

600 GRANT STREET
PITTSBURGH, PENNSYLVANIA 15230
CABLE: USSCOLAW PGHPA

March 30, 1981

U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attn: Div. of Fuel Cycle and Material Safety

Re: Amendments to Byproduct Material License No. 22-02973-01 - Minnesota Ore Operations, Mountain Iron, Minnesota

Gentlemen:

Please amend the above-captioned Byproduct Material License as follows:

1. The license should be amended to indicate disposal of the gauges on the sheet attached hereto.

2. Due to transfer and/or retirement, the following names should be deleted from Condition No. 12: J. R. Bingel, R. L. Palusky and John R. Zamlen. Condition No. 12 should read as follows:

"Licensed material shall be used by, or under the supervision of, John A. Nordin, Aaron A. Anderson, Frank J. Erjavec, William Zeiher, or Larry C. Salmela."

3. Condition No. 15 - The license should be amended to include John A. Nordin and Aaron A. Anderson and delete James R. Bingel. Condition No. 15 should read as follows:

"Installation, relocation, maintenance, repair, and initial radiation survey of devices containing licensed material shall be performed only by, or under the supervision of John A. Nordin or Aaron

United States Steel Corporation

A. Anderson in accordance with procedures described in application dated August 23, 1977, by the device manufacturers or other persons specifically authorized by the Commission or an Agreement State to perform such services. Installation, replacement, and disposal of sealed sources containing licensed material used in devices shall be performed only by the device manufacturers or by other persons specifically authorized by the Commission or an Agreement State to perform such services."

Attached are copies of qualifications of Aaron A. Anderson to be included in Condition No. 15.

4. Due to the installation of fine screens in the Step II plant, an amendment is needed to include 24 additional density measuring devices. It should read as follows:

"Add Texas Nuclear Model 5191 source holders, no single source to exceed 100 millicuries of Cs-137, Texas Nuclear Model 570-57157C. These devices will be used for measuring slurry density in a pipe and will be located within our plant as shown on the attached sketches, SK-3-14-81-1, SK-3-14-81-2 and SK-3-14-81-3."

All other conditions of licensure will remain the same.

Attached hereto is Check No. 28366 in the amount of $40.00 from Minnesota Ore Operation to cover the fee for the amendments.

If you find this application to be in order, please forward the amended license to my attention.

Very truly yours,

W. L. White, Jr.

W. L. White, Jr.
General Attorney

WLW/rr
Enclosures

The following gauges were disposed of via Accuray Corporation:

License	Site	Date of Shipment	M.O.D. Serial #	Source Serial #	Type	Curiage (MC)
GL-130	Kinntac	9-11-79	10	28	CS-137	450
GL-136	"	"	60	7176	"	20
"	"	"	13	9065	"	50
GL-109	"	"	11	2557	"	25
GL-136	"	"	62	7160	"	20
"	"	"	59	7169	"	20
GL-109	"	"	9	S-622	SR- 90	500
Item #6D/6E						
22-02973-01	"	"	50	15004	CS-137	1500
"	"	"	49	15057	"	1500
34-639-2	"	"	46	3168	"	300
Item #6D/6E						
22-02973-01	"	"	109	15049	"	1500
GL-102	Sherman	11-13-79	2	06063761	SR- 90	500
"	"	"	3	06063758	"	200
Item #6B	"	"				
22-02973-01	"	"	4	05- 5547	CS-137	250
GL-109	"	"	5	06063770	"	500
"	"	"	6	06063759	"	500
"	"	"	7	06063715	"	500
"	"	"	8	06063753	"	500

RESUME OF TRAINING AND EXPERIENCE

NAME: Aaron A. Anderson

DEGREE: Bachelor of Science
Mechanical Engineering
Michigan Technological University-1976

RADIATION TRAINING: January 1981 - United States Steel Corporation
by James Quealy

January 1981 - Texas Nuclear
by W. G. Hendrick
Agenda as attached

RADIATION EXPERIENCE: United States Steel Corporation
Minnesota Ore Operations
1976 to Present
Gamma emitting isotope radiation
sources for density and level measuring

Texas Nuclear
A Division of Ramsey Engineering Company
Box 9267
Austin, Texas 78766 USA
Telephone (512) 836-0801
Telex 77-6413

LETTER OF CERTIFICATION

This is to certify that

Aaron Anderson

has attended and successfully completed a course of instruction, conducted under the auspices of Texas Nuclear Corporation and described in the attached Course Agenda. The course covers fundamentals of radiation, units of dose and quality of radiation fields, hazards of radiation exposure, detection devices, regulatory controls, industrial devices and specific training on installation and leak testing of Texas Nuclear density, level and weigh gauges.

The said course of instruction, together with prior experience, is structured to qualify persons who complete it to understand and safely perform various operations involving nuclear devices including the installation, relocation and leak testing of such equipment. The operations are to be done in accordance with the rules and regulations of the United States Nuclear Regulatory Commission and/or "Agreement States", and are in all respects subject to such rules and regulations.

This letter cannot be used in lieu of a specific license from or other sanction by an appropriate regulatory agency.

TEXAS NUCLEAR CORPORATION

W. G. Hendrick
Health Physicist