

EXPORT LICENSE

FORM NRC-250
(7-75)

NRC LICENSE NO.

THIS LICENSE EXPIRES 1 August 1978

United States of America
Nuclear Regulatory Commission

SUE-8354

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by

the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE		ULTIMATE CONSIGNEE IN FOREIGN COUNTRY	
NAME J. T. Baker Chemical Company	NAME J. T. Baker S.A. DE. C.V.	NAME J. T. Baker S.A. DE. C.V.	NAME J. T. Baker S.A. DE. C.V.
ADDRESS 222 Red School Lane Phillipsburg, NJ 08865	ADDRESS Chiapas No. 13 Mexico 7 D.F., Mexico	ADDRESS Chiapas No. 13 Mexico 7 D.F., Mexico	ADDRESS Chiapas No. 13 Mexico 7 D.F., Mexico
INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY		OTHER PARTIES TO EXPORT	
NAME NONE	NAME NONE	NAME NONE	NAME NONE
ADDRESS	ADDRESS	ADDRESS	ADDRESS
APPLICANT'S REF. NO. 90-201-5701		COUNTRY OF ULTIMATE DESTINATION Mexico	

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
30.554 kilograms of uranium	Contained in 54.432 kilograms of normal uranyl acetate
and	
2.581 kilograms of uranium	Contained in 5.443 kilograms of normal uranyl nitrate.
Conditions 1, 6, and 9 on page two of this license apply to this export.	

Letter from Department of State dated 6/22/77 by [Signature]

The proposed export would not be in the interests of the United States.

IPEI Distribution: Licensee IE OROO(Fulner) License Folder PDR Accessions

IPEI State Rad. Control Agency StateDept. OES/NET/IM PMSA, ISA, ERDA NMSS, SGIA MS,OIPI, ERDA

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

[Signature]
Michael A. Gahin, Assistant Director
Export/Import and International Safeguards
Office of International Programs
JUN 30 1977

DATE OF ISSUANCE

U.S. NUCLEAR REGULATORY COMMISSION
EXPORT LICENSE

Conditions

License Number SUE-8354

- Condition 1** — Licensee shall file with the Customs Officer or the Postmaster two copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. The following declaration should accompany or be placed on the Shipper's Export Declarations for such exports:
- "This shipment is being made pursuant to specific license number (**specific license number**) filed at (**location of Customs office where license is filed**), on (**date license was filed**). This license expires on (**expiration date of license**), and the unshipped balance remaining on this license is sufficient to cover the shipment described on this declaration."
- Condition 2** — Exports authorized in any country or destination, except Country Groups Q, S, W, X, Y, and Z in Part 370, Supplement No. 1, of the Comprehensive Export Schedule of the U.S. Department of Commerce.
- Condition 3** — This license covers only the nuclear content of the material.
- Condition 4** — The material to be exported under this license shall be shipped in accordance with the physical protection requirements for special nuclear material in 10 CFR 73.
- Condition 5** — Special nuclear material authorized for export under this license shall not be transported outside the United States in passenger-carrying aircraft in shipments exceeding (1) 20 grams or 20 curies, whichever is less, of plutonium or uranium 233, or (2) 350 grams of uranium 235.
- Condition 6** — This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.
- Condition 7** — The licensee shall complete and submit an NRC Form 741 for each shipment of source material exported under this license.
- Condition 8** — The licensee shall advise the NRC in the event there is any change in the designation of the company who will package the nuclear material to be exported under this license, or any change in the location of the packaging operation, at least three weeks prior to the scheduled date of export.
- Condition 9** - Pursuant to 10 CFR 40.14(a), the uranium to be exported is exempt from the requirements in 10 CFR 40.33(a) that it be exported pursuant to an agreement for cooperation. The Commission has determined that this exemption is authorized by law and will not endanger the common defense and security and is otherwise in the public interest.



DEPARTMENT OF STATE

Washington, D.C. 20520

BUREAU OF OCEANS AND INTERNATIONAL ENVIRONMENTAL AND SCIENTIFIC AFFAIRS

June 22, 1977

RECEIVED
U.S. NRC

SUE-8354
40-8574
S-481

1977 JUN 23 PM 4 50

EXPORT/IMPORT
AND
INTERNAT'L SFGDRS

Mr. Michael Guhin
Assistant Director for International Programs for Export and Import
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Guhin:

This letter is in response to your request of September 16, 1976, for Executive Branch views on whether issuance of an export license in accordance with the application hereinafter described would be inimical to the common defense and security of the United States and whether the proposed export would fall within the scope of an Agreement for Cooperation pursuant to Section 123 of the Atomic Energy Act of 1954, as amended:

NRC No. S-481--J. T. Baker Chemical Company's application dated August 31, 1976, for authorization to export to Mexico 73.05 pounds of normal uranium as uranyl acetate and uranyl nitrate which will be distributed to medical and chemical laboratories for the following processes: intensifiers in photography, manufacturing of glazes for ceramic decorating, dry copying, activator in bacteriological oxidation, and parasitic skin disease analysis.

Under the authority granted by 10 CFR 40.14(a), we recommend that this supply of normal uranium be exempted from the requirement that it be exported pursuant to an agreement for cooperation.

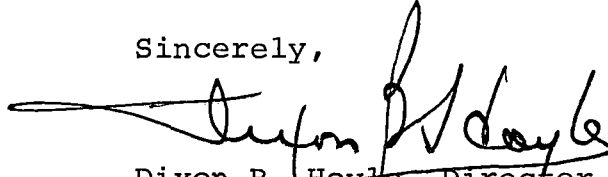
The eight factors listed in the NRC Congressional Briefing on Export Licensing have been reviewed for applicability to this export and it is the view of the Executive Branch, on the basis of this review, that the issuance of the license would not be inimical to the common defense and security of the United States. A detailed

7-1-77 copy to
DPR & ACA

analysis of each factor is believed unnecessary in this case because of the small quantity of material involved and its non-nuclear end use.

On the basis of the foregoing, the Executive Branch believes the license should be issued.

Sincerely,

A handwritten signature in black ink, appearing to read "Dixon B. Hoyle". The signature is written in a cursive style with a long horizontal stroke extending to the left.

Dixon B. Hoyle, Director
Office of Program Implementation

MAR 21 1977

DISTRIBUTION:

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R.G. Page
B.L. Wright ←
PDR-copy of original
Accessions - copy of original

Mr. Dixon Hoyle, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U. S. Department of State
Washington, D. C. 20520

Dear Mr. Hoyle:

Enclosed please find a letter from J. T. Baker Chemical Company providing a more detailed end-use statement for license application SUE-8354 (reference S-481). This is being forwarded for your consideration in conjunction with the Executive Branch review of the proposed license.

Sincerely,

Original signed by
M A. Guhin

Michael A. Guhin, Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Letter dated 2/11/77
(S-481, SUE-8354)

cc w/enclosure:
Mr. Nelson F. Sievering, ERDA
Mr. Thomas D. Davies, ACDA
Dr. Maurice J. Mountain, DOD
Mr. Alfred D. Starbird, ERDA
Mr. Rauer H. Meyer, DOC

OFFICE →	IPEI	IPEI	IPEI			
SURNAME →	EJKraut and: BLwright	RNMoore	MAGUHN			
DATE →	3/16/77	3/17/77	3/16/77			

J.T.Baker

J. T. Baker Chemical Co.

RECEIVED
U.S. MRC

1977 FEB 14 PM 2 02

Export Department
Cable Address
BACHEMCO
Phillipsburg, N. J., USA
Telex 831644

EXPORT/IMPORT
AND
INTERNAT'L SFERDS

February 11, 1977

SUB-8354

S-481

U.S.N.R.C.
Room 7616
Washington, D.C. 20555

Attention: Ms. Betty Wright

Dear Ms. Wright,

REF: Item #9 - Our license applications 90-201-5701 (Uranyl Acetate & Uranyl Nitrate) and 90-201-6104 (Thorium Nitrate)

Per our telecon of February 9th & 10th, we have contacted our affiliate in Mexico concerning a more detailed end-use statement for the above referenced licenses.

They have advised us that the material is resold and distributed to their medical and chemical laboratory customers in Mexico who use the items in the following chemical and laboratory processes:

Uranyl Nitrate - will be used as an intensifier in photographic processes, and in the manufacture of glaze used in ceramic and porcelain decorating.

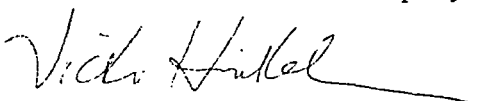
Uranyl Acetate - will be used in a chemical laboratory as a precipitant of Sodium, in the processing of dry copying inks, and as an activator in bacteriological oxidation process.

Thorium Nitrate - will be used in chemical labs as a reagent for determining the presence of fluorine; and in a medical lab investigating parasitic skin diseases.

Please be assured that this material will not be used for any type of nuclear activities or testing. We hope this information will prove useful to you in expediting our applications and hope you will submit our reply to the U.S. Atomic Energy Commission for their review.

Thank you.

Sincerely,
J. T. Baker Chemical Company

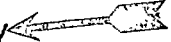


(Mrs.) Vicki Hinkel
Export - Customer Service

Sent to ADR + acc
3-14-77

SEP 16 1976

DISTRIBUTION:

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R.G. Page
R.S. Pressly 
PDR - Copy of Original

Mr. Dixon Hoyle, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
Department of State
Washington, D.C. 20520

Dear Mr. Hoyle:

The Nuclear Regulatory Commission has recently received an application (copy enclosed) from J. T. Baker Chemical Company to export source material to Mexico. The application, dated August 31, 1976, requests a license to export 73.05 pounds of normal uranium as uranyl acetate and uranyl nitrate for resale and consumption in Mexico.

The Commission is required by the Atomic Energy Act of 1954, as amended, to determine, before issuing such a license, whether the proposed export would be inimical to the interests of the United States and whether the export would be under the terms of an Agreement for Cooperation arranged pursuant to Section 123 of that Act.

Before taking action on this license application, we would appreciate receiving your views, in accordance with agreed procedures and from the overall perspective of the Executive Branch, as to whether the issuance of the license would be inimical to the interests of the United States and whether the export would fall within the Agreement for Cooperation between the United States and Mexico.

Your assistance in this matter is appreciated.

Sincerely,

Original signed by
M A. Guhin

Michael A. Guhin, Assistant Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:

Appl. dtd August 31, 1976
(S-481, SUE-8354)

cc w/enclosure:

Mr. Nelson F. Sievering, ERDA
Mr. Thomas D. Davies, ACDA

OFFICE	Mr. Roger E. Shields, DOD	IPEI <i>RP</i>	IPEI	
SURNAME	Mr. Alfred D. Starbird, ERDA	RSPressly:rpc	MAG <i>RP</i>	
DATE	Mr. Rauer H. Meyer, DOC	9/15/76	9/16/76	

APPLICATION FOR LICENSE TO EXPORT
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

SUE - 8354
S - 481

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION AUGUST 31, 1976	2. APPLICANT'S REFERENCE NO. (if any) 90-201-5701	3. COUNTRY OF ULTIMATE DESTINATION MEXICO
4. NAME OF APPLICANT J. T. BAKER CHEMICAL CO. STREET ADDRESS 222 RED SCHOOL LANE CITY, STATE, AND ZIP CODE PHILLIPSBURG, NJ 08865		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) J. T. BAKER S.A. DE. C.V. CHIAPAS NO. 13 MEXICO 7 D.F., MEXICO
6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") SAME		7. IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.") SAME
8. (a) QUANTITY TO BE SHIPPED (See instructions on back) 67.36 pounds Uranium in 120 pounds Uranyl Acetate 5.69 pounds Uranium in 12 pounds of Uranyl Nitrate	(b) COMMODITY DESCRIPTION (Include chemical and physical form; for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) Uranyl Acetate Dhy. Reagent Uranyl Nitrate 6 Hydrate Reagent	

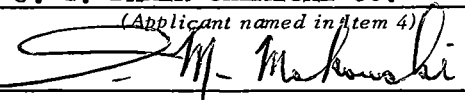
(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

9. END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

FOR RESALE IN COUNTRY OF ULTIMATE DESTINATION AND CONSUMPTION IN THAT COUNTRY.

10. The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 36. (if for byproduct material) or Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.

RCVD IPIEI
9/13/76

J. T. BAKER CHEMICAL CO.
(Applicant named in Item 4)
By: 
T.M. MAKOWSKI
MANAGER, EXPORT SERVICES
(Title of certifying official authorized to act on behalf of the applicant)

Instructions

The export of byproduct, source or special nuclear material is prohibited unless the exporter holds a specific AEC export license or, with respect to byproduct and source material, unless the exporter is authorized under a general AEC export license as provided in AEC regulations 10 CFR Parts 36 and 40. APPLICATION FOR A SPECIFIC AEC EXPORT LICENSE SHOULD BE FILED IN TRIPPLICATE ON THIS FORM AEC-7.

Specific or general AEC export licenses cover only the byproduct, source or special nuclear material involved in the export. If such material is contained in instruments or devices, a license may also be required from the Department of Commerce covering the export of such instruments or devices.

Item 8(a) - State the amount of byproduct material in millicuries or curies (state which unit is used). State the weight of contained thorium and uranium in pounds or kilograms (state which unit is used) and the net weight of the shipment (for example, 10 pounds thorium contained in 250 pounds thorium magnesium alloy). State the weight of contained special nuclear material in parts or multiples of grams.

Item 8(c) - If the requirements of 10 CFR Part 71 ("Packaging of Radioactive Material for Transport") are not applicable to the packaging and transport of the byproduct, source or special nuclear material to be exported, or if the packaging and transport of such material is subject to a general license or is exempt from the provisions of 10 CFR Part 71, so indicate. Identify where applicable the specific AEC license and date of issuance authorizing, pursuant to 10 CFR Part 71, the delivery of such material to a carrier for transport. If a specific AEC license or an amendment to an existing license is required by 10 CFR Part 71 in connection with the packaging and transport of the material proposed to be exported, an application containing the information specified in 10 CFR § 71.21 should be submitted with Form AEC-7.

Item 9 - For special nuclear material, a statement of end use from the consignee must accompany this application.

1976 SEP -3 PM 2:44
U S ERDA
INTERNATIONAL AFFAIRS