

# UNITED STATES ATOMIC ENERGY COMMISSION APPLICATION FOR SOURCE MATERIAL LICENSE

Pursuant to the regulations in Title 10, Code of Federal Regulations, Chapter 1, Part 40, application is hereby made for a license to receive, possess, use, transfer, deliver or import into the United States, source material for the activity or activities described. **Regulatory Suppl File Cy.**

1. (Check one) <input type="checkbox"/> (a) New license <input checked="" type="checkbox"/> (b) Amendment to License No. <u>STB-49</u> <input type="checkbox"/> (c) Renewal of License No. _____ <input type="checkbox"/> (d) Previous License No. _____		2. NAME OF APPLICANT <u>McDonnell Company</u>	
3. PRINCIPAL BUSINESS ADDRESS <u>P. O. Box 516</u> <u>St. Louis, Missouri 63166</u>			
4. STATE THE ADDRESS(ES) AT WHICH SOURCE MATERIAL WILL BE POSSESSED OR USED <u>P. O. Box 516 St. Louis, Missouri 63166</u>			
5. BUSINESS OR OCCUPATION <u>Aircraft and Missile Mfg.</u>		6. (a) IF APPLICANT IS AN INDIVIDUAL, STATE CITIZENSHIP -- (b) AGE --	
7. DESCRIBE PURPOSE FOR WHICH SOURCE MATERIAL WILL BE USED  <b>SEE SUPPLEMENTAL SHEET</b>			
8. STATE THE TYPE OR TYPES, CHEMICAL FORM OR FORMS, AND QUANTITIES OF SOURCE MATERIAL YOU PROPOSE TO RECEIVE.			
(a) TYPE	(b) CHEMICAL FORM	(c) PHYSICAL FORM (Including % U or Th.)	(d) MAXIMUM AMOUNT AT ANY ONE TIME (in pounds)
NATURAL URANIUM	<b>SEE SUPPLEMENTAL SHEET</b>		
URANIUM DEPLETED IN THE U-235 ISOTOPE			
THORIUM (ISOTOPE)			
(e) MAXIMUM TOTAL QUANTITY OF SOURCE MATERIAL YOU WILL HAVE ON HAND AT ANY TIME (in pounds)			
9. DESCRIBE THE CHEMICAL, PHYSICAL, METALLURGICAL, OR NUCLEAR PROCESS OR PROCESSES IN WHICH THE SOURCE MATERIAL WILL BE USED, INDICATING THE MAXIMUM AMOUNT OF SOURCE MATERIAL INVOLVED IN EACH PROCESS AT ANY ONE TIME, AND PROVIDING A THOROUGH EVALUATION OF THE POTENTIAL RADIATION HAZARDS ASSOCIATED WITH EACH STEP OF THOSE PROCESSES.  <b>SEE SUPPLEMENTAL SHEET</b>			
10. DESCRIBE THE MAXIMUM TECHNICAL QUALIFICATIONS INCLUDING TRAINING AND EXPERIENCE THAT WILL BE REQUIRED OF APPLICANT'S SUPERVISORY PERSONNEL INCLUDING PERSON RESPONSIBLE FOR RADIATION SAFETY PROGRAM (OR OF APPLICANT IF APPLICANT IS AN INDIVIDUAL).  <b>SEE SUPPLEMENTAL SHEET</b>			
11. DESCRIBE THE EQUIPMENT AND FACILITIES WHICH WILL BE USED TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE OR PROPERTY AND RELATE THE USE OF THE EQUIPMENT AND FACILITIES TO THE OPERATIONS LISTED IN ITEM 9. INCLUDE (a) RADIATION DETECTION AND RELATED INSTRUMENTS (including film badges, dosimeters, counters, air sampling, and other survey equipment as appropriate. The description of radiation detection instruments should include the instrument characteristics such as type of radiation detected, window thickness, and the range(s) of each instrument).  <b>SEE SUPPLEMENTAL SHEET</b>			
(b) METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED IN (a) ABOVE, INCLUDING AIR SAMPLING EQUIPMENT (for film badges, specify method of calibrating and processing, or name supplier).  <b>SEE SUPPLEMENTAL SHEET</b>			

- 11(c) VENTILATION EQUIPMENT WHICH WILL BE USED IN OPERATIONS WHICH PRODUCE DUST, FUMES, MISTS, OR GASES, INCLUDING PLAN VIEW SHOWING TYPE AND LOCATION OF HOOD AND FILTERS, MINIMUM VELOCITIES MAINTAINED AT HOOD OPENINGS AND PROCEDURES FOR TESTING SUCH EQUIPMENT.

SEE SUPPLEMENTAL SHEET

12. DESCRIBE PROPOSED PROCEDURES TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE AND PROPERTY AND RELATE THESE PROCEDURES TO THE OPERATIONS LISTED IN ITEM 9. INCLUDE: (a) SAFETY FEATURES AND PROCEDURES TO AVOID NONNUCLEAR ACCIDENTS, SUCH AS FIRE, EXPLOSION, ETC., IN SOURCE MATERIAL STORAGE AND PROCESSING AREAS

SEE SUPPLEMENTAL SHEET

- (b) EMERGENCY PROCEDURES IN THE EVENT OF ACCIDENTS WHICH MIGHT INVOLVE SOURCE MATERIAL.

SEE SUPPLEMENTAL SHEET

- (c) DETAILED DESCRIPTION OF RADIATION SURVEY PROGRAM AND PROCEDURES.

SEE SUPPLEMENTAL SHEET

13. WASTE PRODUCTS: If none will be generated, state "None" opposite (a), below. If waste products will be generated, check here ☐ and explain on a supplemental sheet:

- (a) Quantity and type of radioactive waste that will be generated.  
(b) Detailed procedures for waste disposal.

SEE SUPPLEMENTAL SHEET

14. IF PRODUCTS FOR DISTRIBUTION TO THE GENERAL PUBLIC UNDER AN EXEMPTION CONTAINED IN 10 CFR 40 ARE TO BE MANUFACTURED, USE A SUPPLEMENTAL SHEET TO FURNISH A DETAILED DESCRIPTION OF THE PRODUCT, INCLUDING:
- (a) PERCENT SOURCE MATERIAL IN THE PRODUCT AND ITS LOCATION IN THE PRODUCT.  
(b) PHYSICAL DESCRIPTION OF THE PRODUCT INCLUDING CHARACTERISTICS, IF ANY, THAT WILL PREVENT INHALATION OR INGESTION OF SOURCE MATERIAL THAT MIGHT BE SEPARATED FROM THE PRODUCT.  
(c) BETA AND BETA PLUS GAMMA RADIATION LEVELS (Specify instrument used, date of calibration and calibration technique used) AT THE SURFACE OF THE PRODUCT AND AT 12 INCHES.  
(d) METHOD OF ASSURING THAT SOURCE MATERIAL CANNOT BE DISASSOCIATED FROM THE MANUFACTURED PRODUCT.

### CERTIFICATE

(This item must be completed by applicant)

15. The applicant, and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 40, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

McDonnell Company

(Applicant named in Item 2)

BY:

William L. Kester

Chairman, Isotope Committee

(Title of certifying official authorized to act on behalf of the applicant)

Dated 13 Mar 68

WARNING: 18 U.S.C. Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

McDonnell Company  
P. O. Box 516  
St. Louis, Missouri 63166

DOCKET NO.

40-29

Regulatory Suppl File Cy.

FORM AEC-2

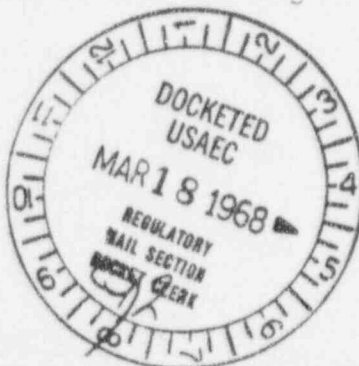
- Item 7- Magnesium-Thorium alloys will be used for structural members of spacecraft. Thorium oxide (Thoria) is to be used in studies on ceramics for missile and spacecraft re-entry systems.
- Item 8a- Thorium-232, as thoria in powdered form, and Thorium-232 as magnesium-thorium alloys not to contain over 4% (by weight) of thorium.
- 8b- The maximum quantity of thorium on hand at any one time will be 500 pounds.
- Item 9- Magnesium-thorium alloys will be in the form of extrusions and sheet. Operations upon the alloy will include machine and chemical milling, bending, filing and welding.

All filing and welding will be carried out in ventilated areas with ducting leading to the outside of the building. The vents will be so positioned that their effluent will be thoroughly mixed with outside air. Hi-Vol and Staplex air monitors will be used to determine the effectiveness of the contamination control.

Chem-milling areas at McDonnell, because of the fumes produced by the process, are well vented to the outside. All waste material produced by chem-milling of thorium - containing materials will be collected. Sludge will be barrelled and sold to an AEC licensed company while supernatant solutions will be diluted and flushed down sanitary sewers in accordance with provisions as set forth in 10 CFR 20, paragraph 20.303. Waste generated by machine milling or cutting will be collected in special barrels and sold to AEC licensed scrap dealers.

Thoria powders in quantities not to exceed 2 pounds will be mixed with binders, cast into rods and blocks, then fired in kilns to form ceramics. All mixing and forming operations will be carried out in vented chemical hoods fitted with disposable plastic liners. Operators will wear rubber gloves and face masks. Finished specimens will be tested for crushing and shattering properties. All operations will be monitored by air samplers to determine the extent of any airborne contamination. While not in actual use, all raw and waste materials will be sealed in cans which will be stored in a locked vault used for storage of radioisotopes.

Disposal will be by resale to AEC licensed vendors, burial at an AEC approved site, or burial in accordance with the provisions of 10 CFR 20, paragraph 20.304.



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Item 10- Mr. Linck has served as McDonnell's medical supervisor for 10 years. During this period he has also acted as Radiation Safety Officer. He has been aided during the past year and a half by Mr. Holt who came to us from Mallinckrodt Chemical Works at Weldon Springs, Mo. Mr. Holt worked there for 9 years in Radiation Safety.

Previous use of large quantities (100,000 lbs) of magnesium-thorium alloys in aircraft manufacturing has resulted in our acquiring extensive experience in the techniques for handling and storing of these materials.

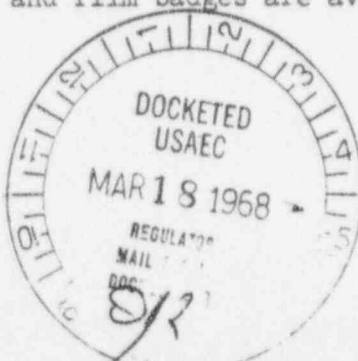
Item 11(a)-

Quantity	Manufacturer	Name and Model	Radiation Detected	Range
1	Tracerlab	Rad. Survey Meter, SUIH	$\beta$ , $\gamma$	0-1.5 R/hr
2	Tracerlab	Rad. Survey Meter	$\beta$ , $\gamma$	0-80 mr/hr
1	Tracerlab	Rad. Survey Meter SU-14	$\beta$ , $\gamma$	0-20 mr/hr
1	Victoreen	QTP, 740A	$\beta$ , $\gamma$	0-5 R/hr
1	RCL	2 $\pi$ Counter, Model 10200	$\alpha$ , $\beta$ , $\gamma$	---
1	RIDL	4 $\pi$ Counter	$\alpha$ , $\beta$ , $\gamma$	---
6	Cosmic Tennelec Hamner	Single Channel Analysers		
1	Nuclear Data	4096 Channel Analyser		

Assorted Scintillation crystals, geiger tubes, solid state detectors.

11(b)- Calibration of radiation monitors is accomplished at least quarterly and after any electronic repair. In addition, prior to use of any instrument, a check is made to insure proper operation. Major calibrations are made using 10 milli-curie cobalt-60 and cesium-137 sources.

Flow and scintillation counters are calibrated using Nuclear Chicago 5%  $\beta$ ,  $\gamma$  standards. Pocket dosimeters and film badges are available, but not used for work involving thorium.



McDonnell Company  
P. O. Box 516  
St. Louis, Missouri 63166

DOCKET NO. 40-29

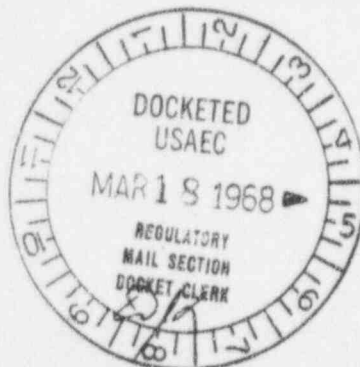
Regulatory Suppl File Cy.

FORM AEC-2

Item 11(c)- Those operations involving magnesium-thorium which are likely to create airborne hazards include filing, welding and milling. All filing and welding operations are carried out in vented hoods. Machine milling is accompanied by a liquid coolant at all times. This serves to minimize airborne dusts and particles. Chem-milling is performed in a well ventilated area.

Item 12-  
(a&b) Supervisors of those persons working with Thorium compounds and alloys are given special indoctrination in safe handling procedures. Personnel Safety and Medical department performs inspections designed to insure compliance with established rules. The following information is taken from our procedures:

- 12.1 Heat forming, routing, hand filing and resistance welding operations are not expected to generate airborne dust or fume concentrations to an extent that exposures would be experienced in excess of the limits given in Title 10, Code of Federal Regulations, Part 20.
- 12.2 It is advisable, however, to use ventilation designed for local dust capture on operations of wire brushing (or grinding), heliarc welding and chemical milling.
  - (1) Exposures during wire brushing can be controlled by specific procedures employed in ventilated hoods.
  - (2) Heliarc welding fumes can be controlled by properly designed exhausters with flexible ducts capable of being positioned within specified distances of points of welding -- discharge to outside of building.
  - (3) The normally provided ventilation for vapor removal from chemical milling operations is adequate when processing Th-Mg.
- 12.3 Cleanup of cuttings and area housekeeping should be accomplished by vacuum cleaning methods -- the dust collector section to be approved by Safety and Medical Department.
- 12.4 Dust concentrations in work areas will be measured during startup and thereafter, depending on initial results.
- 12.5 Emergency procedures in the event of Th-Mg fires shall be setup to include directions to: (1) evacuate all personnel not directly involved in control of the emergency; and, (2) utilize respiratory protection during control efforts and until fumes have cleared; Scott Air Paks, or AO R-5000 respirator with R-57 cartridge may be used to prevent thorium exposure.





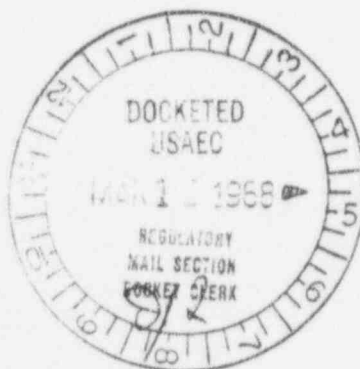
McDonnell Company  
P. O. Box 516  
St. Louis, Missouri 63166

DOCKET NO. 40-29

Regulatory Suppl File Cy.

FORM AEC-2

- Item 12- (a&b) continued
- 12.6 Each area, room, or container in which Th-Mg is stored or used shall be conspicuously posted or labeled with the radiation caution symbol and the words "Caution - Radioactive Material".
- 12.7 All Th-Mg material, including scrap, must be accounted for and transferred only in accordance with licensing requirements.
- 12.8 Estimates received from Dept. 452 show that approximately 250 lbs. of Th-Mg alloy will be used in this project.
- 12.9 Safety and Medical Department shall be advised of final plan for control of radioactive material, and the installations reviewed and approved prior to startup.
- Item 12(c)- All operations involving source material are to be monitored by air samplers. Filters from these samplers are assayed by being ashed and counted in an RCL 2M counter. Once it has been established that an operation is hazard-free, no further routing monitoring will be performed. Whenever an operation is changed, air samples will again be taken as needed. At the conclusion of any operation, an area check will be made and decontamination procedures begun as needed.
- Item 13- Very little magnesium-thorium scrap is anticipated. Any that is produced will be disposed of as described in Section 9 above. Ultimately, all of the thorium oxide in use will be classed as scrap. It will be disposed of as described in Section 9 above.



MAR 23 1967

DML:CEM  
40-89

McDonnell Company  
P. O. Box 516  
St. Louis, Missouri 63166

Attention: Mr. W. L. Koester  
Scientist, Research Division

Gentlemen:

Enclosed is Source Material License No. STB-49, as renewed.  
Please note that this license authorizes the possession and  
use of 55 pounds of thorium. This license was renewed since  
the general license does not provide for the possession, use  
and transfer of more than fifteen (15) pounds of source  
material at any one time.

Very truly yours,

Don F. Harmon  
Source & Special Nuclear Materials  
Branch  
Division of Materials Licensing

Enclosure:  
License No. STB-49, as renewed

DISTRIBUTION:

Document Room, w/encl.  
State Health, (license only)  
Subject file, w/encl.  
Compliance, Reg. III, w/encl.  
N. Doulos, w/3 cys of license  
Br. reading file, w/encl.  
Div. reading file, w/o encl.

A1271

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OFFICE ▶	DML	DML				
SURNAME ▶	CEMacDonald: jo	DFHarmon				
DATE ▶	3/22/67	3/22/67				

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Form AEC-410  
(1-61)

UNITED STATES  
ATOMIC ENERGY COMMISSION

## SOURCE MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954, and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Licensing of Source Material," and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, possess and import the source material designated below; to use such material for the purpose(s) and at the place(s) designated below; and to deliver or transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954 and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission, now or hereafter in effect, including Title 10, Code of Federal Regulations, Chapter 1, Part 20, "Standards for Protection Against Radiation," and to any conditions specified below.

Licensee		3. License No.
1. Name	McDonnell Company	STB-49, as renewed
2. Address	Municipal Airport St. Louis, Missouri 63166	4. Expiration Date March 31, 1970
		5. Docket No. 40-29
6. Source Material  Thorium	7. Maximum quantity of source material which licensee may possess at any one time under this license  55 pounds	

### CONDITIONS

8. Authorized use (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)

Thorium oxide for development of heat shields for re-entry of spacecraft and missiles in accordance with the procedures described in the licensee's application dated August 17, 1964 and supplement dated February 27, 1967.

DM  
3/22/67  
DA  
3/22/67

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance MAR 23 1967

U. S. GOVERNMENT PRINTING OFFICE: 1962 O - 632985

Don F. Harmon  
Division of Materials Licensing

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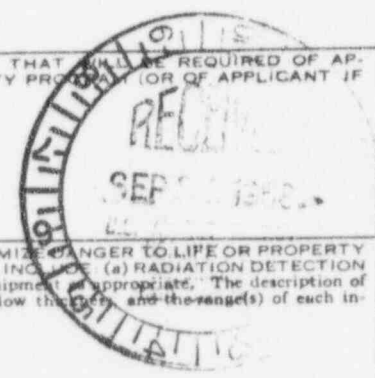


## UNITED STATES ATOMIC ENERGY COMMISSION

## APPLICATION FOR SOURCE MATERIAL LICENSE

Pursuant to the regulations in Title 10, Code of Federal Regulations, Chapter 1, Part 40, application is hereby made for a license to receive, possess, use, transfer, deliver or import into the United States, source material for the activity or activities described.

1. (Check one) <input type="checkbox"/> (a) New license <input checked="" type="checkbox"/> (b) Amendment to License No. <u>STB-49</u> <input type="checkbox"/> (c) Renewal of License No. _____ <input type="checkbox"/> (d) Previous License No. _____		2. NAME OF APPLICANT McDonnell Douglas Corporation	
		3. PRINCIPAL BUSINESS ADDRESS P. O. Box 516 St. Louis, Missouri 63166	
4. STATE THE ADDRESS(ES) AT WHICH SOURCE MATERIAL WILL BE POSSESSED OR USED St. Louis Facility located at Lambert Airport			
5. BUSINESS OR OCCUPATION Aircraft and Missiles		6. (a) IF APPLICANT IS AN INDIVIDUAL, STATE CITIZENSHIP --	(b) AGE --
7. DESCRIBE PURPOSE FOR WHICH SOURCE MATERIAL WILL BE USED  As counterweights and ballast in missile			
8. STATE THE TYPE OR TYPES, CHEMICAL FORM OR FORMS, AND QUANTITIES OF SOURCE MATERIAL YOU PROPOSE TO RECEIVE, POSSESS, USE, OR TRANSFER UNDER THE LICENSE			
(a) TYPE	(b) CHEMICAL FORM	(c) PHYSICAL FORM (Including % U or Th.)	(d) MAXIMUM AMOUNT AT ANY ONE TIME (in pounds)
NATURAL URANIUM	--	--	--
URANIUM DEPLETED IN THE U-235 ISOTOPE	Metal	Pure U-238 as Castings	5000 lb.
THORIUM (ISOTOPE)	Same as Original License		
(e) MAXIMUM TOTAL QUANTITY OF SOURCE MATERIAL YOU WILL HAVE ON HAND AT ANY TIME (in pounds) 5500 lb.			
9. DESCRIBE THE CHEMICAL, PHYSICAL, METALLURGICAL, OR NUCLEAR PROCESS OR PROCESSES IN WHICH THE SOURCE MATERIAL WILL BE USED, INDICATING THE MAXIMUM AMOUNT OF SOURCE MATERIAL INVOLVED IN EACH PROCESS AT ANY ONE TIME, AND PROVIDING A THOROUGH EVALUATION OF THE POTENTIAL RADIATION HAZARDS ASSOCIATED WITH EACH STEP OF THOSE PROCESSES.  Machined Parts and Castings with nickel plating To be used as counterweights and ballasts in experimental missile tests.			
10. DESCRIBE THE MINIMUM TECHNICAL QUALIFICATIONS INCLUDING TRAINING AND EXPERIENCE THAT WILL BE REQUIRED OF AP- PLICANT'S SUPERVISORY PERSONNEL INCLUDING PERSON RESPONSIBLE FOR RADIATION SAFETY PROGRAM (OR OF APPLICANT IF APPLICANT IS AN INDIVIDUAL).  Same as original application			
11. DESCRIBE THE EQUIPMENT AND FACILITIES WHICH WILL BE USED TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE OR PROPERTY AND RELATE THE USE OF THE EQUIPMENT AND FACILITIES TO THE OPERATIONS LISTED IN ITEM 9. INCLUDE (a) RADIATION DETECTION AND RELATED INSTRUMENTS (including film badges, dosimeters, counters, air sampling, and other survey equipment appropriate. The description of radiation detection instruments should include the instrument characteristics such as type of radiation detected, window thickness, and the range(s) of each in- strument).  Same as original application			
(b) METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED IN (a) ABOVE, INCLUDING AIR SAMPLING EQUIPMENT (for film badges, specify method of calibrating and processing, or name supplier).  Same as original application			



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A1273

11(c). VENTILATION EQUIPMENT WHICH WILL BE USED IN OPERATIONS WHICH PRODUCE DUST, FUMES, MISTS, OR GASES, INCLUDING PLAN VIEW SHOWING TYPE AND LOCATION OF HOOD AND FILTERS, MINIMUM VELOCITIES MAINTAINED AT HOOD OPENINGS AND PROCEDURES FOR TESTING SUCH EQUIPMENT.

Same as original application

12. DESCRIBE PROPOSED PROCEDURES TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE AND PROPERTY AND RELATE THESE PROCEDURES TO THE OPERATIONS LISTED IN ITEM 9; INCLUDE (a) SAFETY FEATURES AND PROCEDURES TO AVOID NONNUCLEAR ACCIDENTS, SUCH AS FIRE, EXPLOSION, ETC., IN SOURCE MATERIAL STORAGE AND PROCESSING AREAS.

Same as original application

(b) EMERGENCY PROCEDURES IN THE EVENT OF ACCIDENTS WHICH MIGHT INVOLVE SOURCE MATERIAL.

Same as original application

(c) DETAILED DESCRIPTION OF RADIATION SURVEY PROGRAM AND PROCEDURES.

Same as original application

13. WASTE PRODUCTS: If none will be generated, state "None" opposite (a), below. If waste products will be generated, check here ☐ and explain on a supplemental sheet:

- (a) Quantity and type of radioactive waste that will be generated. NONE  
(b) Detailed procedures for waste disposal.

14. IF PRODUCTS FOR DISTRIBUTION TO THE GENERAL PUBLIC UNDER AN EXEMPTION CONTAINED IN 10 CFR 40 ARE TO BE MANUFACTURED, USE A SUPPLEMENTAL SHEET TO FURNISH A DETAILED DESCRIPTION OF THE PRODUCT, INCLUDING:

- (a) PERCENT SOURCE MATERIAL IN THE PRODUCT AND ITS LOCATION IN THE PRODUCT.  
(b) PHYSICAL DESCRIPTION OF THE PRODUCT INCLUDING CHARACTERISTICS, IF ANY, THAT WILL PREVENT INHALATION OR INGESTION OF SOURCE MATERIAL THAT MIGHT BE SEPARATED FROM THE PRODUCT.  
(c) BETA AND BETA PLUS GAMMA RADIATION LEVELS (Specify instrument used, date of calibration and calibration technique used) AT THE SURFACE OF THE PRODUCT AND AT 12 INCHES.  
(d) METHOD OF ASSURING THAT SOURCE MATERIAL CANNOT BE DISASSOCIATED FROM THE MANUFACTURED PRODUCT.

### CERTIFICATE

(This item must be completed by applicant)

15. The applicant, and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 40, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

McDonnell Douglas Corporation

(Applicant named in Item 2)

Dated 26 Sept 68

BY:

William L. Kester  
(Signature)

William L. Kester

William L. Kester

Chairman, Isotope Committee

(Title of certifying official authorized to act on behalf of the applicant)

WARNING: 18 U.S.C. Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

**MCDONNELL DOUGLAS**

**CORPORATION**



23 APR 1968

Ref: USAEC-220-5500

United States Atomic Energy Commission  
Washington, D.C. 20545

Attention: Mr. Don F. Harmon  
Source & Special Nuclear Materials  
Branch  
Division of Materials Licensing

Regulatory Suppl File Cy.

Reference: (a) DML:RTW 40-29 STB-49

Gentlemen:

1. Your letter, Ref. (a), dated 15 April 1968 requests clarification of the recent organizational change within our company.
2. In April of 1967, McDonnell Aircraft Corporation and the Douglas Aircraft Corporation merged to form the McDonnell Douglas Corporation. This new name appears on all company letterheads.
3. The facility in St. Louis, formerly the McDonnell Aircraft Corporation, is now known as the McDonnell Company. It is to this group that source material license STB-49 applies.
4. Should you require further information, do not hesitate to contact us.

Sincerely yours,

MCDONNELL COMPANY, St. Louis

W. L. Kester  
Scientist  
Research Division

WLK:emc

AL272

ACKNOWLEDGED

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