



Northrop Grumman Corporation  
**Defensive Systems Division**  
600 Hicks Road  
Rolling Meadows, Illinois 60008-1098  
Telephone 847-259-9600

FEDEX TRK# 7943 8689 4470

February 3, 2011

Regional Administrator  
Division of Nuclear Material Safety  
ATTN: Reciprocity Request  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352  
Telephone Number (630) 829-9887  
Facsimile Number (630) 515-1259

Dear Sir

Northrop Grumman Systems Corporation, 600 Hicks Road, Rolling Meadows IL had a Reciprocity Agreement in place for 2008, 2009 and 2010. Northrop Grumman is submitting NRC Form 241 and the required fee (\$1900.00) for 2011. All information submitted with the 2010 submittal remains unchanged.

Please call me with any questions or concerns at (224) 625-6336.

Sincerely

A handwritten signature in black ink, appearing to read "William Cameron".

William Cameron  
Environmental Engineer/RSO

RECEIVED FEB 4 2011

## REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) <b>Northrop Grumman Systems Corporation</b>	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> CHANGE
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3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) <b>600 Hicks Road Rolling Meadows, IL 60008</b>	4. LICENSEE CONTACT AND TITLE <b>William Cameron, RSO</b>
5. TELEPHONE NUMBER (Include Area Code) <b>(224) 625-6336</b>	6. FACSIMILE NUMBER (Include Area Code) <b>(847) 506-7988</b>

**7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20**

WELL LOGGING   
  LEAK TESTING AND/OR CALIBRATIONS   
  TELETHERAPY/IRRADIATOR SERVICE  
 PORTABLE GAUGES   
  OTHER (Specify) ⇒ For use in Raphael Model Laser Systems  
 RADIOGRAPHY ⇒ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE <b>McDonnell Douglas Corporation Mail Code S111-2491 P. O. Box 516 St. Louis, MO 63166</b>	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) <b>The Boeing Company Gate 101 Airport Road, East Dock Building 101 Berkeley, MO 63134</b>
10. CLIENT TELEPHONE NUMBER (Include Area Code) <b>(314) 777-9229</b>	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) <b>(314) 234-1775</b>

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO	TBD		NUMBER TO BE ASSIGNED BY NRC

**LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.**

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)  
**Am-241 Foil Source - IPL Model AP Series, 5 µCi each, total ≤600 µCi**

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (One copy of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER <b>IL-02172-01</b>	STATE <b>IL</b>	EXPIRATION DATE <b>12/31/2012</b>
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**19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)**

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- a. All information in this report is true and complete.
- b. I have read and understand the provision of the general license 10 CFR 150.20 printed on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- c. I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- d. I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- e. I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) <b>William Cameron, RSO</b>	SIGNATURE 	DATE <b>2-3-2011</b>
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**WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 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.**

<b>FOR NRC USE ONLY</b>	REVIEWING OFFICIAL (Typed/Printed Name and Title)	SIGNATURE	DATE	TOTAL USAGE -- DAYS TO DATE
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