

<b>NRC Form 313 I</b> (12-81) 10 CFR 30		<b>U.S. NUCLEAR REGULATORY COMMISSION</b>		<b>1. APPLICATION FOR:</b> <i>(Check and/or complete as appropriate)</i>	
<b>APPLICATION FOR BYPRODUCT MATERIAL LICENSE INDUSTRIAL</b>				<input type="checkbox"/> a. NEW LICENSE	
<i>See attached instructions for details.</i>  Completed applications are filed in duplicate with the Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety, and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555 or applications may be filed in person at the Commission's office at 1717 H Street, NW, Washington, D. C. or 7915 Eastern Avenue, Silver Spring, Maryland.				<input type="checkbox"/> b. AMENDMENT TO: LICENSE NUMBER	
				<input checked="" type="checkbox"/> c. RENEWAL OF: LICENSE NUMBER X 29-23449-01	
<b>2. APPLICANT'S NAME</b> <i>(Institution, firm, person, etc.)</i>  Bergman Hatton Associates  TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION 609-452-0580			<b>3. NAME AND TITLE OF PERSON TO BE CONTACTED REGARDING THIS APPLICATION</b>  Anthony Jiampetti  TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION 609-452-0580		
<b>4. APPLICANT'S MAILING ADDRESS</b> <i>(Include Zip Code)</i> <i>(Address to which NRC correspondence, notices, bulletins, etc., should be sent.)</i>  741 Alexander Road Princeton, NJ 08540			<b>5. STREET ADDRESS WHERE LICENSED MATERIAL WILL BE USED</b> <i>(Include Zip Code)</i>  At address listed in Item 4 and jobsites throughout US where the firm is engaged in eng. assignments.		
(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)					
<b>6. INDIVIDUAL(S) WHO WILL USE OR DIRECTLY SUPERVISE THE USE OF LICENSED MATERIAL</b> <i>(See Items 16 and 17 for required training and experience of each individual named below)</i>					
FULL NAME			TITLE		
a. Anthony Jiampetti			Chief Inspector		
b.					
c.					
<b>7. RADIATION PROTECTION OFFICER</b>			Attach a resume of person's training and experience as outlined in Items 16 and 17 and describe his responsibilities under Item 15.		
<b>8. LICENSED MATERIAL</b>					
L I N E  NO.	ELEMENT AND MASS NUMBER  A	CHEMICAL AND/OR PHYSICAL FORM  B	NAME OF MANUFACTURER AND MODEL NUMBER <i>(If Sealed Source)</i>  C	MAXIMUM NUMBER OF MILLICURIES AND/OR SEALED SOURCES AND MAXIMUM ACTI- VITY PER SOURCE WHICH WILL BE POSSESSED AT ANY ONE TIME  D	
(1)	CS-137	Sealed Source	Troxler Dwg. A 102112	Not to exceed 10 mCi	
(2)	AM-241	Sealed Source	Troxler Dwg. A 102451	Not to exceed 50 mCi	
(3)					
(4)					
<b>DESCRIBE USE OF LICENSED MATERIAL</b> E					
(1)	For use in a troxler model 3400 nuclear moisture density gauge to measure				
(2)	compaction and density of construction materials.				
(3)					
(4)					

# INFORMATION REQUIRED FOR ITEMS 15, 16 AND 17

Describe in detail the information required for Items 15, 16 and 17. Begin each item on a separate page and key to the application as follows:

15. RADIATION PROTECTION PROGRAM. Describe the radiation protection program as appropriate for the material to be used including the duties and responsibilities of the Radiation Protection Officer, control measures, bioassay procedures (if needed), day-to-day general safety instruction to be followed, etc. If the application is for sealed source's also submit leak testing procedures, or if leak testing will be performed using a leak test kit, specify manufacturer and model number of the leak test kit.
16. FORMAL TRAINING IN RADIATION SAFETY. Attach a resume for each individual named in Items 6 and 7. Describe individual's formal training in the following areas where applicable. Include the name of person or institution providing the training, duration of training, when training was received, etc.
  - a. Principles and practices of radiation protection.
  - b. Radioactivity measurement standardization and monitoring techniques and instruments.
  - c. Mathematics and calculations basic to the use and measurement of radioactivity.
  - d. Biological effects of radiation.
17. EXPERIENCE. Attach a resume for each individual named in Items 6 and 7. Describe individual's work experience with radiation, including where experience was obtained. Work experience or on-the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used.

## 18. CERTIFICATE

(This item must be completed by applicant)

*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 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.*

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.

a. LICENSE FEE REQUIRED  
(See Section 170.31, 10 CFR 170)

b. CERTIFYING OFFICIAL (Signature)

c. NAME (Type or print)

James B. Hatton

d. TITLE

Professional Engineer

(1) LICENSE FEE CATEGORY:

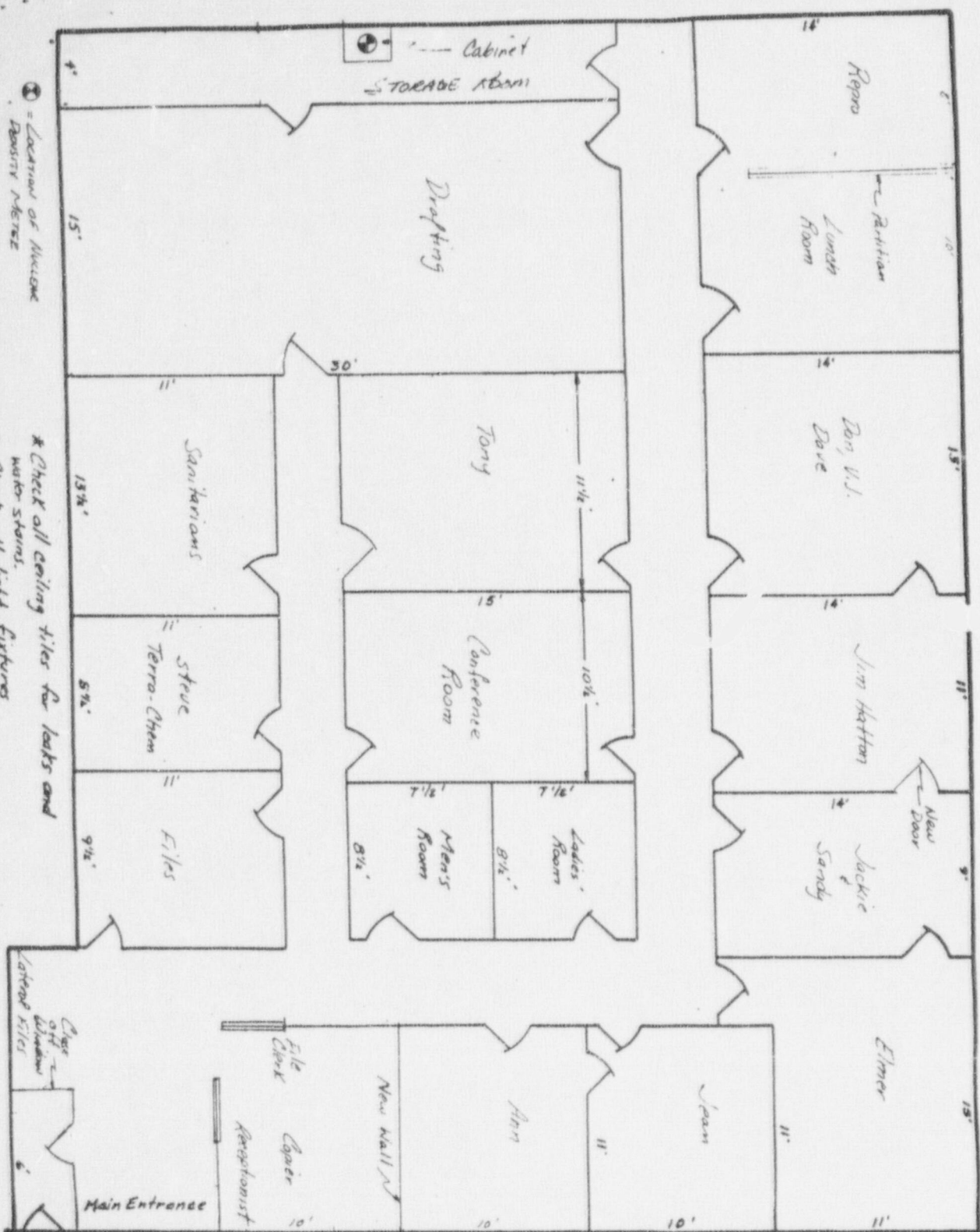
(2) LICENSE FEE ENCLOSED: \$

e. DATE

7-21-89

⊙ = Location of Nuclear Density Meter

\* Check all ceiling tiles for leaks and water stains.  
 \* Check all light fixtures  
 \* Inform wall jacks



Office Layout for  
741 Alexander Road

BERGMAN HATTON ASSOCIATES  
 Consulting Engineers  
 Construction Managers  
 741 Alexander Road  
 Princeton, New Jersey 08540  
 (609) 452-0580

ELMER W. BERGMAN, P.E.  
 Professional Engineer NJ Lic. No. 12918

TITLE:  
 MUNICIPALITY: West Windsor  
 DRAWN: J.A.R.  
 CHECK: SHEET: 1 of 1  
 SCALE: 3/16" = 1'

REVISIONS	741 Alex Rd & Unit B	
	DATE	BY
	11-7-86	J.A.R.



09085

**BERGMAN HATTON ASSOCIATES**

UNIVERSITY PARK PLAZA  
741 ALEXANDER ROAD  
PRINCETON, N.J. 08540-6390

MIDLANTIC NATIONAL BANK/MERCHANTS  
32 NORTH MAIN STREET, CRANBURY, N.J. 08512  
55-244/212

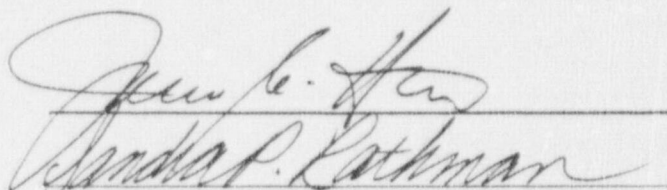
**PAY** ONE HUNDRED TWENTY DOLLARS AND NO CENTS

TO THE  
ORDER OF

US NUCLEAR REGULATORY COMMISSION  
REGION 1, 475 ALLENDALE ROAD  
KING OF PRUSSIA PA 19406

DATE  
7/21/89

AMOUNT  
\$120.00



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**BERGMAN HATTON ASSOCIATES**

09085

Renewal of Licence #: 29-23449-01  
\$120.00