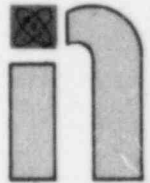


INTERNATIONAL NUTRONICS, INC.



Dr. John Glenn
U.S. Nuclear Regulatory Commission
Region I
631 Park Ave.
King of Prussia, PA 19406

June 4, 1985

Re; Amendment to License to Permit Contaminated
Equipment to be utilized on site (Dover Facility)

License Amendment #18
License No. 29-13848-01

Dear Glenn,

In our previous Amendment 17 we requested that our license be amended to permit on going decommissioning activities at our facility by Chem-Nuclear Systems Inc. and Hilbert Associates.

Within the scope of services that these two organizations will perform, it may be necessary to locate and utilize within the facility processing equipment which has been utilized at other facilities. In recognition of this fact it is likely that these materials, equipment, and shipping casks will exhibit contamination levels from prior utilization. The radioactive contaminants may consist of a range of isotopes consisting of mixed fission products from reactor facilities. It is our understanding that prior to shipping from the previous site of utilization all equipment materials, and casks will be decontaminated to levels as low as possible.

All equipment utilized by Chem Nuclear Systems, Inc., Hilbert Associates, or International Nutronics or any other Subcontractors will be designated for final disposition as waste and containerized and Shipped as radioactive waste, or returned to the possession of the subcontractor and packaged and shipped according to all applicable regulations.

Specifically the equipment and materials and Casks utilized here on site will be used under the auspices of Chem Nuclear's QA Program for proper safety precautions. Certain specific documents address the possibility of residual contamination such as the Cask User's Manual for the 8-120 Type B Transport Cask. These precautions will be exercised according to the approved Part 50 QA Program by both INI and Chem-Nuclear Systems.

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REG1 LIC30
29-13848-01

PDR

EXPEDITE

"OFFICIAL RECORD COPY"

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License Fee Information
on Next Page

JUN 05 1985

INTERNATIONAL NUTRONICS, INC.

The levels of contamination to be encountered during the utilization of these items is recognized to be a limited hazard to operational personnel. The procedural precautions in force at the facility are recognized to be adequate to preempt any individuals from being contaminated or from cross contamination of the facility by residual activity being transported by direct contact or airborne dispersal. Dress requirements and engineering controls (vent systems) are deemed adequate to address the above hazard.

Should it be necessary to perform isotopic analysis of contaminated equipment, the capability to perform such functions now exists with the addition of a Canberra MCA 35 at the site.

In recognition of the above information we request that our license be amended to accept and utilize the necessary equipment here at the site to adequately decontaminate and decommission the facility. The staff members listed in our previous amendment will be the individuals who will manage and direct the programs for the utilization of this equipment and shipping casks. The use of such equipment is temporary and be utilized only for the activities related to the decommissioning.

Sincerely,

Bruce J. Thomas

Bruce J. Thomas
BJT/jcg

Applicant.	3408
Check No.	
Amount/ Fee Category	230 3G
Type of Fee	Amendment
Date Check Rec'd.	6/17/85
Received By	Jacques

RECEIVED BY LFMB	
Date	6/17/85
Leg.	June 8 - I
By	Jacques
Orig. To	
Action Compl.	6/17/85
Part of Irr. program	

FIELD SERVICES

NETWORK LISTING

CHEM-NUCLEAR SYSTEMS

LISTING OF INI SCHEDULE - VERSION 2

<-----PRECEDING ACTIVITIES----->		NODE		<-----SUCCEEDING ACTIVITIES----->				
DUR	DESCRIPTION	NODES		NODES	DESCRIPTION	DUR		
START	NOT BEFORE DAY 14	START===>	1	===>	2	PREMOBILIZATION	6	
				===>	15	PROCEDURE PREP.	15	
6	PREMOBILIZATION	1	===>	2	===>	3	SET-UP EQUIPMENT	7
				===>	4	IMPLT. RADCON PROGM	5	
				===>	7	REPAIR TRENCH SHED	2	
	SET-UP EQUIPMENT	2	===>	3	===>	4	TRAIN CNSI	1
5	IMPLT. RADCON PROGM	2	===>	4	===>	5	REMOVE FILTERS	5
1	TRAIN CNSI	3	===>		===>	17	RADIOLOGICAL ASSESS	15
5	REMOVE FILTERS	4	===>	5	===>	6	DISPOSE WATER	1
					===>	7	REMOVE SLUDGE	5
					===>	8	CLEAN TANK WALLS	3
					===>	17	SHIP WASTE	3
1	DISPOSE WATER	5	===>	6	===>	7	DUMMY	0
2	REPAIR TRENCH SHED	2	===>	7	===>	9	TRAIN TECHS	2
5	REMOVE SLUDGE	5	===>					
0	DUMMY	6	===>					
0	DUMMY	8	===>					
2	CLEAN TANK WALLS	5	===>	8	===>	7	DUMMY	0
2	TRAIN TECHS	7	===>	9	===>	10	TRAIN CONTRACTOR	2
					===>	11	CORE SPLE. TK AREA	3
					===>	13	REMOVE BLOCK	19
					===>	14	DECON WALLS	20
					===>	17	DECON OFFICES	5
2	TRAIN CONTRACTOR	9	===>	10	===>	17	DECON TRENCH	3
					===>	22	REPLACE FOUNDATION	26
3	CORE SPLE. TK AREA	9	===>	11	===>	12	INST. LOCAL CONTAIN	1
1	INST. LOCAL CONTAIN	11	===>	12	===>	13	EXCAVATE TANK	15
19	REMOVE BLOCK	9	===>	13	===>	15	DECON CONT. FLOOR	4
15	EXCAVATE TANK	12	===>					
20	DECON WALLS	9	===>	14	===>	17	DECON FLOOR	9
15	PROCEDURE PREP.	1	===>	15	===>	16	REMOVE CONTAINMENT	3
4	DECON CONT. FLOOR	13	===>		===>	17	DECON/REMOVE EQUIP	5

CHEM--NUCLEAR SYSTEMS

TIME NOW DATE 17/MAY/85

[illegible]

CHEM-NUCLEAR SYSTEMS

TIME NOW DATE 17/MAY/85

[illegible]

FIELD SERVICES

STANDARD REPORT

CHEM-NUCLEAR SYSTEMS

ANALYSIS OF INI SCHEDULE - VERSION 2

TIME NOW DATE 17/MAY/85

ACTIVITY DESCRIPTION	EARLIEST START	EARLIEST FINISH	LATEST START	DUR	FLT
PREMOBILIZATION	20/MAY/85	28/MAY/85	20/MAY/85	6	0
* PROCEDURE PREP.	20/MAY/85	10/JUN/85	9/JUL/85	15	34
REPAIR TRENCH SHED	29/MAY/85	30/MAY/85	20/JUN/85	2	16
IMPLT. RADCON PROG	29/MAY/85	4/JUN/85	3/JUN/85	5	3
SET-UP EQUIPMENT	29/MAY/85	6/JUN/85	29/MAY/85	7	0
* MAIN CNSI	7/JUN/85	7/JUN/85	7/JUN/85	1	0
REMOVE FILTERS	10/JUN/85	14/JUN/85	10/JUN/85	5	0
* RADIOLOGICAL ASSESS	10/JUN/85	28/JUN/85	17/JUL/85	15	26
DISPOSE WATER	17/JUN/85	17/JUN/85	21/JUN/85	1	4
CLEAN TANK WALLS	17/JUN/85	18/JUN/85	20/JUN/85	2	3
SHIP WASTE	17/JUN/85	19/JUN/85	2/AUG/85	3	33
REMOVE SLUDGE	17/JUN/85	21/JUN/85	17/JUN/85	5	0
* TRAIN TECHS	24/JUN/85	25/JUN/85	24/JUN/85	2	0
* TRAIN CONTRACTOR	26/JUN/85	27/JUN/85	27/JUN/85	2	1
CORE SPLE. TK AREA	26/JUN/85	28/JUN/85	26/JUN/85	3	0
* DECON OFFICES	26/JUN/85	2/JUL/85	31/JUL/85	5	24
REMOVE BLOCK	26/JUN/85	23/JUL/85	26/JUN/85	19	0
* DECON WALLS	26/JUN/85	24/JUL/85	26/JUN/85	20	0
DECON TRENCH	28/JUN/85	2/JUL/85	2/AUG/85	3	24
REPLACE FOUNDATION	28/JUN/85	5/AUG/85	1/JUL/85	26	1
INST. LOCAL CONTAIN	1/JUL/85	1/JUL/85	1/JUL/85	1	0
* EXCAVATE TANK	2/JUL/85	23/JUL/85	2/JUL/85	15	0
* DECON CONT. FLOOR	24/JUL/85	29/JUL/85	24/JUL/85	4	0
* DECON FLOOR	25/JUL/85	6/AUG/85	25/JUL/85	9	0
* REMOVE CONTAINMENT	30/JUL/85	1/AUG/85	30/JUL/85	3	0
* DECON/REMOVE EQUIP	30/JUL/85	5/AUG/85	31/JUL/85	5	1
DECON FLR JOINTS	2/AUG/85	6/AUG/85	2/AUG/85	3	0
* NRC OVERCHECK	7/AUG/85	8/AUG/85	19/AUG/85	2	8
DEMObILIZE EQUIP	7/AUG/85	9/AUG/85	16/AUG/85	3	7
RELEASE SURVEY	7/AUG/85	20/AUG/85	7/AUG/85	10	0

3	REMOVE CONTAINMENT	15	==>	16	==>	17	DECON FLR JOINTS	3
15	RADIOLOGICAL ASSESS	4	==>	17	==>	18	DUMMY	0
3	SHIP WASTE	5	==>		==>	19	DEMOBILIZE EQUIP	3
5	DECON OFFICES	9	==>		==>	20	RELEASE SURVEY	10
3	DECON TRENCH	10	==>					
9	DECON FLOOR	14	==>					
5	DECON/REMOVE EQUIP	15	==>					
3	DECON FLR JOINTS	16	==>					
0	DUMMY	22	==>					
0	DUMMY	17	==>	18	==>	20	NRC OVERCHECK	2
3	DEMOBILIZE EQUIP	17	==>	19	==>	20	DUMMY	0
10	RELEASE SURVEY	17	==>	20	==>	21	TRAVEL	1
2	NRC OVERCHECK	18	==>					
0	DUMMY	19	==>					
1	TRAVEL	20	==>	21	==>	FINISH NOT AFTER DAY 81		FINISH
26	REPLACE FOUNDATION	10	==>	22	==>	17	DUMMY	0

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

EXPEDITE

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: International Nutronics, Inc.

Application Dated: 6/4/85

Control No.: 03913

License No.: 29-13848-01

2. FEE ATTACHED

Amount: \$ 230.00

Check No.: 3408

*Verbal OK
6/5/85 SLJ*

3. COMMENTS

Signed Brenda Platchek

Date _____

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3G - 1230

2. Correct Fee Paid. Application may be processed for:

Amendment _____

Renewal _____

License _____

Signed G Jackson

Date 6/17/85

"SECTION COPY"

INTERNATIONAL NUTRONICS, INC.

U.S. HIGHWAY 46 & SCHLEY STREET
DOVER, NJ 07801

UNITED JERSEY BANK
NORTHWEST
ROUTE 46 & SAMMIS AVE.
DOVER, N.J. 07801

3408

55-264

212

PAY Two hundred and thirty & 0/100 dollars DATE June 4, 1985 \$ 230.00

TO THE
ORDER
OF

U. S. Nuclear Regulatory Commission

INTERNATIONAL NUTRONICS, INC.

• License # 29 13848 01
• Amendment Fee # 18
•

Bruce J. Thomas

⑈003408⑈ ⑆021202641⑆ 207⑈283⑈1⑈