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FEDERAL JURISDICTION, OR OFFSH	Washington, December of the contraction does	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 Management Branch (T-6 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bis1@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. It 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 response the the information collection.										
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. NAME OF LICENSEE (Person or firm proposing to conduct the activities des			TYPE OF F									
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8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE 9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION
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AUGUST 6,2001	AUGUST 10, 2001	4				NUMBER TO BE ASSIGNED BY NRC

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE

Pursuant to Chapter 404, Florida Statutes, and Chapter 64E-5, Florida Administrative Code (F.A.C.), and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to receive, acquire, possess and transfer the radioactive material(s) designated below and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the state of Fiorida, Department of Health now or hereafter in effect and to any conditions specified below.

1. Name			Licensee RNATIONAL Y CORPORATION	Corre Octo Flor 3. Lice is ho	reference to espondence dated ber 14, 1997, State of ida Radioactive Materials ense Number: 1894-1 broby renewed in its rety to read as follows:
2. Addre	ess: 230 Norm Palm Har			4. Exp 5. Cate	iration Date: 11/30/2002 egory: 3L(V)
6	Radioactive material (cicment and mass number)	7	Chemical and/or physical form	8,	Maximum quantity licensee may possess at any one-time
A.	Californium 242	A.	Sealed source Amersham Corp. Model Number CVN, Type)	A.	3 sources; total activity not to exceed 11 millicuries.
B.	Chromium 51 Manganese 54 Iron 55 Cobalt 58 Iron 59 Cobalt 60 Nickel 63 Zinc 65 Niobium 95 Silver 110 Cesium 134 Cesium 137	В.	See Item 9.B. below	B.	1 millicurie

License Number: 1894-1 Amendment No.: 9 Control Number: 971016-1315 LICENSEE COPY

Category:

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Page 1 of 4 Page(s) Expiration Date: 11/30/2002

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

		STATE OF FLOR DEPARTMENT OF HI BUREAU OF RADIATION	EALTH	
Б.	Radinactive 7. material (element and mass.number)	Chemical and/or physical form	8	Maximum quantity licensee may possess at any one time
C.	Chromium 51 C Manganese 54 Iron 55	. See Item 9.C. below	C.	1 millicurie total; not to exceed 0.05 millicuries per surveillance coupon
	Cobalt 58 Iron 59 Cobalt 60 Nickel 63 Zinc 65	100	FR 30	
	Niobium 95 Silver 110 Cesium 134 Cesium 137	30	list	
a	AUTHORIZED USES: -			
A.	To be used in sper neutron absorber n	nt fuel pools of nuclear power pla naterial in spent fuel assemblies	nts to confirm	the presence or abscence
В.	For possession of i	incidental non-removable low lev	el radioactive	contamination.
9. A. B. C.	For nossession an	d analysis of surveillance coupor nt fuel storage pools at nuclear p	ns composed o	
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		CONDITIONS		
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	state of Flor states unde reciprocity v B. The authori Dunedin, Fl Failure to comply v section 404.161, F \$1,000.00 per viol	zed place of use shall be tempora- rida. This condition does not pro- r the jurisdiction of the U.S. Nucle which has been approved by an a zed place of storage is the licens 2 33528. with the provisions of this license florida Statutes. Also, violations ation per day, pursuant to section	ear Regulator agreement states see's facility look is a felony of may warrant and 404.162, Flo	the third degree pursuant to administrative fine of up to administrative fine of up to ride Statutes.
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AUTHORIZED USES:

- To be used in spent fuel pools of nuclear power plants to confirm the presence or abscence of A. neutron absorber material in spent fuel assemblies
- For possession of incidental non-removable low level radioactive contamination. B.
- For possession and analysis of surveillance coupons composed of neutron absorbing C. materials from spent fuel storage pools at nuclear power plants.

- The authorized place of use shall be temporary job sites of the licensee throughout the 10. A. state of Florida. This condition does not prohibit use in other agreement states and states under the jurisdiction of the U.S. Nuclear Regulatory Commission (NRC) under reciprocity which has been approved by an agreement state or the NRC.
 - The authorized place of storage is the licensee's facility located 1451 Main Street, B. Dunedin, FL 33528.
- Failure to comply with the provisions of this license is a felony of the third degree pursuant to section 404.161, Florida Statutes. Also, violations may warrant an administrative fine of up to 11. \$1,000.00 per violation per day, pursuant to section 404.162, Florida Statutes.
- Licensed materials shall be used by, or under the supervision of, Stanley E. Turner, 12. Ph.D., Fric Bush, or Joy Russell.

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Elicense Number: 1394-1 LICENSEL CO.	
Amendment No.: 9 Expiration Date: 11/30/2002	
Control Number: 971016-1315 Page 2 of 4 Page(s) Expiration Date: 1/100/2002	
Control Number: 971016-1315 Page 2.014 Page(5)	

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

- The radiation safety officer is Stanley E. Turner, Ph.D. B. 12.
 - The licensee shall comply with the provisions of Chapter 64E-5, F.A.C., Part IX, "Notices, Instructions and Reports to Workers; Inspections" and Part III, "Standards for Protection 13. Against Radiation."
 - The licensee shall not transfer possession or control of radioactive material, or products 14. containing radioactive material as a contaminant except:
 - By transfer to a specifically licensed recipient; or A.
 - As provided otherwise by specific provision of his license pursuant to the requirements В. of Chapter 64E-5, F.A.C.
 - Radioactive material transported on public thoroughfares shall be packaged, prepared for 15 shipment and transported in accordance with Title 49, Code of Federal Regulations and Chapter 64E-5, F.A.C.
 - The licensee shall notify the Bureau of Radiation Control at least 48 hours in advance of shipping its low-level radioactive waste to a commercial treatment, storage or disposal facility. 16. Notification shall consist of either calling (407) 297-2095 or writing the Bureau of Radiation Control, Department of health, Post Office Box 680069, Orlando, Florida 32868-0069.
 - The licensee shall assure that each sealed source is tested for leakage or contamination and 17. follow the appropriate actions as required by section 64E-5.1303, F.A.C. Licensed material shall be tested at least semiannually. The test sample (smear) shall be taken by the licensee using an approved leak test kit. Analysis of the test sample shall be performed by individuals who are licensed by the department, NRC, agreement state, or licensing state to provide these services. The licensee is required to relain leak test records containing the manufacturer's name, model and serial number of each sealed source tested, identity of each sealed source radionuclide and its estimated activity, the measured activity of each test sample expressed in microcuries, the date of the test and signature of the radiation safety officer or designee. The records shall be maintained for 3 years for inspection by the department.

License Number Amendment No.: Control Number 971016-1315

LICENSEE COPY

Page 3 of 4 Page(s)

Category:

13L(V)

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

- The licensee shall conduct a physical inventory and inspection at least annually to account for 18. all sealed sources received and possessed under this license as required by section 64E-5.1304, F.A.C. Inventory records shall be maintained for 3 years from the date of the inventory for inspection by the department, and shall include the manufacturer's name, model and serial numbers of each sealed source, the identity of each sealed source radionuclide and its estimated activity, the location of each scaled source, the date of the inventory and the signature of the radiation safety officer or designee.
- Except as specifically provided otherwise by this license, the licensee shall possess 19. and use licensed material described in Items 6, 7, 8, and 9 of this license in accordance with statements, representations and procedures contained in the licensee's application dated October 14, 1997, signed by Stanley E. Turner, Ph.D., Radiation Safety Officer, and correspondence received January 27, 1998, also signed Stanley E. Turner, Ph.D., Radiation Safety Officer
 - The licensee shall comply with all applicable requirements of Chapter 64E-5, Florida B. Administrative Code, and these regulations shall supersede the licensee's statements in applications or correspondence, unless the statements are more restrictive than the regulations.

FEB 0 4 1998

Paul E. Vause, Jr.

Environmental Manager 1317 Winewood Boulevard Tallahassee, FL 32399-0700

For the Burgat, of Radiation Control

(850) 487-2437

License Number. Amendment No: Control Number: 971016-1315

Issuance Date:

LICENSEE COPY

Category:

Expiration Date: 11/30/2002 Page 4 of 4 Page(s)

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE SUPPLEMENTAL SHEET

HOLTEC INTERNATIONAL A NEW JERSEY CORPORATION 138 Alternate 19 South Palm Harbor, FL 34683

With reference to correspondence dated June 30, 2000, State of Florida Radioactive Materials License Number 1894-1 is hereby amended.

TO CHANGE ITEMS 2 TO READ:

2. Address:

138 Alternate 19 South Palm Harbor, FL 34683

TO CHANGE ITEMS 6, 7, 8 AND 9 TO READ:

	Radioactive Material (element and mass number)	7.	Chemical and/or Physical Form		Maximum Quantity Licensee May Possess At Any One Time
A .	Californium 252	A.	Sealed source (Amersham Corp. Model Number CVN. Type)	A.	3 sources; total activity not to exceed 11 millicuries

9. Authorized Use

A. To be used in spent fuel pools of nuclear power plants to confirm the presence or absence of neutron absorber material in spent fuel assemblies.

Issuance Date:

JUL 1 3 2000

For the Bureau of Radiation Control:

Larry M. Shingler

Environmental Specialist

Bin #C21

4052 Bald Cypress Way Tallahassee, FL 32399-1741

(850) 245-4545

License Number: 1894-1 LICENSEE COPY Category: [3L(V)]
Amendment No.: 12
Control Number: 000703-0900 Page 1 of 1 Page(s) Expiration Date: 11/30/2002

STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE SUPPLEMENTAL SHEET

HOLTEC INTERNATIONAL A NEW JERSEY CORPORATION 230 Normandy Circle E. Palm Harbor, FL 34683

With reference to correspondence received December 13, 1999, State of Florida Radioactive Materials License Number 1894-1 is hereby amended.

TO CHANGE ITEMS 6, 7, 8 AND 9, SUBITEM C TO READ:

6.	Radioactive Materia (element and mass number)	7	Chemical And/Or Physical Form	8.	Maximum Quantity Licensee May Possess At Any One Time
C.	Mixed fission and activation products	C.	See item 9.C. below	C.	10 millicuries total; not to exceed 4 millicuries per surveillance coupon

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C. For possession and analysis of surveillance coupons composed of neutron absorbing materials from spent fuel storage pools at nuclear power plants.

DEC 2 1 1999 Issuance Date:

For the Bureau of Radiation Control:

Paul E. Vause, Jr.

Environmental Manager

Bin #C21

2020 Capital Circle, S.E.

Tallahassee, FL 32399-1741

(850) 487-2437

License Number:

1894-1

LICENSEE COPY

Category:

[3L(V)]

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