



International Isotopes Inc.

January 11, 2016

ATTN: Document Control Desk/Exempt Distribution
Director, of the Office of Federal and State Materials and Environmental Management
Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Material transfer report as required by Title 10 Code of Federal Regulations
§32.12.

Dear Director,

A report pursuant to Title 10 §32.12 *Records and material transfer reports* is provided that details the irradiated gemstones released by International Isotopes, Inc. during calendar year 2015.

Should you have any questions, please contact me by phone at (208) 524-5300 or by email at jjmiller@intisoid.com

Please contact me by phone at 208 524-5300 or email at jjmiller@intisoid.com if you have any questions regarding this letter or require additional information.

Sincerely,

John J. Miller, CHP
Radiation Safety Officer

JJM-2016-01

cc: Mr. Jack Whitten
U.S. NRC Region IV
1600 E. Lamar Blvd.
Arlington, TX 76011-4511

Report of Exempt Distribution January 1, 2015 through December 31, 2015 Transferred under §30.14

NRC Licensee:		International Isotopes, Inc. 4137 Commerce Circle Idaho Falls, ID 83401		
NRC License Number:		11-27680-02E		
CFR Citation	Reporting Requirement	Type	Quantity (grams)	
§32.12 (b)(1)	Type and quantity of each product or material into which byproduct material has been introduced during the reporting period	Semi-precious & Precious Gemstones	Allure Gems	0.9
			Dana Augustine	50.6
			Delmar Mfg.	67.5
			Envisions LLC	7.9
			F.D. Worldwide	358.0
			Fine Gems	16075.8
			Goldiam USA Inc.	3.7
			Henry Jewelry Inc	82.4
			Interjewel USA	279.4
			JDM Import	5.0
			Kama Schachter	11.0
			MWI Eloquence Inc.	11.6
			Para Diamonds	68.3
			PRISM USA	168.2
			Richline Group.	8.0
			RJNY dba Verigold	777.6
			Rosy Blue Jewelry	228.1
			Stuller Inc.	166.3
			Suashish Jewels	515.4
			Summit Diamond Corp.	90.0
SUN JEWELS LLC	417.6			
Sunsource	79.4			

CFR Citation	Reporting Requirement	Name	Address
§32.12 (b)(2)	Name and address of the person who owned or possessed the product or material, into which byproduct material has been introduced, at the time of introduction	Allure Gems	1212 Avenue of the Americas, Suite 1600 New York, NY 10036
		Dana Augustine	300 Chastain Center #315 Kennesaw, GA 30144
		Delmar Mfg.	1083 State Route 9 Champlain, NY 12919
		Envisions LLC	529 Fifth Ave. 19 th Floor New York, NY 10017
		F.D. Worldwide Merchandise Group	489 Fifth Avenue 23 rd Floor New York, NY 10017
		Fine Gems	20 West 47th Street #1402 New York, NY 10036
		Goldiam USA Inc.	579 Fifth Avenue, Suite 1415 New York, NY 10017
		Henry Jewelry Inc	550 South Hill Street Suite 601 Los Angeles, CA 90013
		Interjewel USA	580 Fifth Avenue Suite 1512 New York, NY 10036
		JDM Import	115 West 45 th St. 9 th Floor New York, NY 10036
		Kama Schachter	529 Fifth Avenue, 15 th Floor New York, NY 10017
		MWI Eloquence Inc.	35 West 45 th St., 11 th Floor New York, NY 10036
		Para Diamond Corp.	70 West 36 th St. 5 th Floor Suite 5A New York, NY 10018
		PRISM USA	22 West 48 th St., Suite 1201 New York, NY 10036
		Richline Group	1385 Broadway New York, NY 10018
		RJNY dba Verigold	500 Madison Ave., 9 th Floor New York, NY 10022
Rosy Blue Jewelry	529 Fifth Ave 12th Floor New York, NY 10017		
Stuller Inc.	302 Rue Louis XIV Dept. 45		

		Lafayette, LA 70508	
CFR Citation	Reporting Requirement	Name	Address
§32.12 (b)(2)	Name and address of the person who owned or possessed the product or material, into which byproduct material has been introduced, at the time of introduction	Suashish Jewels	5525 North MacArthur Irving, TX 75038
		Summit Diamond Corp.	592 Fifth Avenue, 4 th Floor New York, NY 10036
		Sun Jewels LLC	10 West 46 th Street Suite 1507 New York, NY 10036
		Sunsource	255 West 36 th St., 9 th Floor New York, NY 10018

CFR Citation	Reporting Requirement	Quantity	Radionuclides ⁽¹⁾	
§32.12 (b)(3)	The type and quantity of radionuclide introduced into each product or material	0 – 500 Bq/g	Ta-182	Zn-65
			Mn-54	Na-22
			Sc-46	S-35
			Cs-134	P-32

(1) Radionuclides listed are known to be the predominate activation products associated with irradiated gemstones. Other radionuclides may be produced but these are produced at levels below the exempt concentrations.

CFR Citation	Reporting Requirement	Initial Concentrations
§32.12 (b)(4)	The initial concentrations of the radionuclide in the product or material at time of transfer of the byproduct material by the licensee	The concentrations of all radionuclides identified in irradiated gemstones are such that the sum of the ratios of the radionuclide concentrations to their respective exempt concentrations are ≤ 0.99 .