Application and Review Checklist for (Acceptance, 1st, or 2nd) Review for SSD 00-000

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	SUMMARY DATA			
Name and Complete Mailing Address of the Applicant: ರಾರ್ಗೋಟಿಯಾಗಿ ೨೦೦೮ರ ರಾಶಿಕ್ಕರ ರಾಶಿಕ್ಕರ	Name, Title, and Telephone Number of the Individual to Be Contacted If Additional Information or Clarification Is Needed by the NRC:  John Miller, RS @ 208 - 524-5300			
The Applicant is (check one):	If the Applicant Is Not the Manufacturer, Provide the Name and			
Custom User	Complete Mailing Address of the Manufacturer:			
Manufacturer				
Distributor	·			
Manufacturer and Distributor				
If the Applicant Is a Custom User, Prov the Name and Complete Mailing Addre of the Distributor:				
Model Number: BMOG Series	Principal Use Code (see Appendix C):			
Name Used by the Industry to Identify t	the For Use by:			
Product (e.g., Radiography Exposure Device, Teletherapy Source, Calibration	n X Specific Licensees Only			
Source, etc.):	General Licensees Only			
	Both Specific and General Licensees			
	Persons Exempt from Licensing			
Leak-Test Frequency:	Principal Section of the 10 CFR that Applies to the User (e.g.,			
Periodic Leak-Testing is Not Requ	uired General Licensees under 10 CFR 31.5): ρ <sub>4</sub> , 35			
X 6 Months	Radionuclides and Maximum Activities (including loading			
Attached is justification for a leak				
frequency of greater than 6 month	18 13), (3-13), (0-1), Na-21, (0-60, Ge-61			
CERTIFICATION:	NRC registers own by product witheria			
THE APPLICANT UNDERSTANDS THAP ALL BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTEM 2, CERTIFY THAT THIS APPLICATION REGULATIONS, PARTS 30 AND 32 AND THE BEST OF THEIR KNOWLEDGE AND BELIEF WARNING: 18 U.S.C. SECTION 1001 ACT OF	UTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN IT IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL AT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE .  F JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A ESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES			
Certifying Officer — Typed Name and T	litle ,			
Signature: Nima AShKe	boussi Date: 5/25/05			

#### **Registration Certificate Holder:**

#### Model:

DESCRIPTION	OK/DEF		COMMENTS
	1st Reviewer	2 <sup>nd</sup> Reviewer	
DESCRIPTION/CONSTRUCTION			
If registration certificate holder is requesting to register more than one source/device on a certificate, are designs similar enough to do so?	oh	/	
Device/source design with complete engineering drawings (dimensions, tolerances, list of materials)	ok	V <sub>/</sub>	Plastic
Assembly methods (screw, welds, etc.); verify integrity	Oh	V	eroxy weldon
Source mounting (size and integrity) and security	οų	V	CON CARRY
Is source ANSI classification sufficient (from ANSI N43.6-1997 and ISO 2919):  Radiography - Unprotected 43515 Radiography - In Device 43313 Medical - Radiography 32312 Medical - γ Teletherapy 53211 Medical - Brachytherapy 53211 Medical - Brachytherapy 53211 Medical - Source Applicators 43312 γ Gauges - Unprotected 43333 γ Gauges - In Device 43232 β Gauges, Low Energy γ Gauges, or X-ray fluorescence 33222 Oil Well Logging 56522 Portable Moist/Density 4333 Neutron Applications 43323 Calibration source activity > 30μCi (1 MBq) 2212 γ Irradiators (I) 4323 γ Irradiators (II, III) 43424 γ Irradiators (IV) 53424 Chromatography 32211 Static Eliminators 22222 Smoke Detectors 332222	<b>٥</b> لر		22212
Definition of shutter operation (locked in "off" position, not locked in "on" position), Fail safe, spacing and tolerances	NA	NA	
On-Off indicators (description, qty., location)	NJA	NA	
Safety interlocks, guards, and so forth to prevent access to beam or high radiation levels	NIA	NA	
Corrosion between unlike materials (e.g., aluminum and steel, depleted uranium & steel, and so forth)	oh	1	
Shielding efficiency and integrity	oh		

X Transfer of TX-1153-5-102-5 to NRC.
Review i's based on documentation that
NRC received from Texas in letter
dotted April 27, 2005,

### Registration Certificate Holder:

#### Model:

DESCRIPTION	OK/DEF		COMMENTS
	1st Reviewer	2 <sup>nd</sup> Reviewer	
For medical devices:  Type of FDA approval: Premarket notification (501(k)) Investigational Device Exemption (IDE) Humanitarian Device Exemption (HDE)  Type of Medical Use: manual brachytherapy, 35.400 medical diagnosis, 35.500 photon-emitting remote afterloader, 35.600 photon-emitting teletherapy unit, 35.600 gamma stereotactic radiosurgery unit, 35.600 other medical, 35.1000 (intervascular brachytherapy, beta-emitting remote afterloaders, etc)  List of FDA limitations of use provided	N/A	NA	
Well logging (10 CFR 39.41) and Irradiator (10 CFR 36.21) sources must be as nondispersible and nonsoluble as practical.	NA	NA	
See "ANSI and Other Standards" list for references for particular source/device designs (e.g. radiography, Brachytherapy, etc.)	NIA	Ng	

### **Registration Certificate Holder:**

### Model:

DESCRIPTION	OK/DEF		COMMENTS	
	1 <sup>st</sup> Reviewer	2 <sup>nd</sup> Reviewer		
LABELING		,		
Complete and final copy of label attached	Oh	V		
Materials, dimensions, colors (note on registration certificate if labeling is exempt from the color requirements of 10 CFR Part 20)	6 K	V		
Attachment and location(s) - visible to users?	oh	V	exterior of val + stone	
Method of attachment is durable and permanent under normal conditions of use	ok	V	laminard	
Contents: Model#, Serial#, Isotope, Activity, Manufacturer, Date of Assay, Trefoil, "CAUTION – RADIOACTIVE MATERIAL" (Depleted Uranium information must be included)		<b>✓</b>	NRC vegistration; by moduct waterials only	
Is label in compliance with regulatory requirements?	oh	$\checkmark$		
CONDITIONS OF USE				
Estimated working life of the source/device (years, operational cycles)	oL	/	runse 2 to 5 yrs	
Actions to be taken when product reaches end of its working life.	oh	V	teturn to manufacturer	
Maximum allowable temperature, vibration, shock, corrosion, etc. (during use, handling, storage, and transport)	0 h	V	Use in 166 environment	
How the device will be used	oh	V	Calibration game	
Meets dose limits of Part 32 for distribution general licensees or persons exempt from licensing	NA	MA		
PROTOTYPE TESTING/HISTORICAL USE				
Tests methods and conditions (for source and device)	ok	7		
Tests results	Oh	0	Actual destins	
Years of use (incidents, failures, etc.)	oh	V	historial we	
Similarities to other sources/devices if they are used as basis.	N/A	N&		
RADIATION PROFILES				
Survey instrument used (type, window thickness, sensitivity, calibration dates, etc.)	σh	V /		
Conditions: including environments, scatter (product in beam), and use of guards and shields	0 <sup>k</sup>	V		
RADIATION PROFILES (CONTINUED)				

## Registration Certificate Holder:

### Model:

DESCRIPTION	OK/DEF		COMMENTS
	1st Reviewer	2 <sup>nd</sup> Reviewer	<u></u>
Distance from source/surface (per ANSI 538-1979, N43.8 - 2001)	oh	V	
Shutter Open and Closed/Source Shielded	NIA	NR	
Verify radiation surveys for γ radiation meet inv² law.	٥٢	<b>√</b>	
Verify radiation surveys for non-y radiation have not been calculated using inv² law.	oh	NR	
QUALITY ASSURANCE			
Materials, subassemblies, services	Gh	7.	
Assembly methods (screws, welding, etc.)	04		
Dimensions and tolerances	oh		
Activity, radiation levels, leak tests	o h	///	<del></del>
Final inspection	٥٦	41	
QA Manual and comparison of other (generally) accepted guidance (e.g., ANSI/ISO/ASQ 9001-2001)	ما		
Additional measures for SSDs if ANSI/ISO/ASQ 9001-2001 is used	هد		
INSTALLATION .	N/A_		
Fixed, portable, movable, fixed installation but portable source housing	. )	)	
Inherent shielding, inaccessibility			
Beam access: size of air gap/opening to beam and use of interlocks, locks, additional shielding or barriers		$ \beta \rangle$	
Mounting integrity			
ACCOMPANYING DOCUMENTATION	NA		
Leak tests results and radiation surveys			
Operation safety instructions, maintenance, calibration, damage/failure, specific warnings, leak test, and radiation survey instructions if applicable			
For Distribution to General Licensees: Verify NRC Regions and Agreement State listing is up-to-date and copies of all pertinent regulations	V		

to.

# Registration Certificate Holder:

### Model:

DESCRIPTION		OK/DEF		COMMENTS		
				1 <sup>st</sup> Reviewer	2 <sup>nd</sup> Reviewer	
	SERV	ICING			-	
The following activities may be performed by the persons indicated:		٥Ļ		Provide dispos		
Activity	by a General Licensee	Only by a Specific Licensee	Will be Offered by the Applicant	}	:	7/2
Installation						
Relocation					;	
Maintenance		<del></del>		<b>V</b>		
Repair					NA	
Source Exchange					'	
Calibration				:		
Leak Testing					i	
Radiation Survey						
Training						
	FOREIGN	VENDORS	_	N/A	,	
Drop ship	-				XIII	
Who and where is source installed			1011			
Leak test and	radiation surve	eys				
QA in the U.S	•					

1 <sup>st</sup> Reviewer Signature:	Minu allebours	Date:	5/20/05
2 <sup>nd</sup> Reviewer Signature:	John Pfantor		5/23/05