Pag	е	1	of
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NRC FORM 7 (07-2019) 10 CFR 110 U. S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3150-0027 EXPIRE Estimated burden per response to comply with this mandatory collection request: 2.4 h is reviewed to ensure that the applicable statutory, regulatory, and policy considerations comments regarding burden estimate to the Information Services Branch (T-6 A Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Res to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3) Management and Budget, Washington, DC 20503. If a means used to impose an inform not display a currently valid OMB control number, the NRC may not conduct or sponsor required to respond to, the information collection.						policy considerations are satisfied. Send ices Branch (T-6 A10M), U.S. Nuclear ail to Infocollects Resource@nrc.gov, and rs, NEOB-10202, (3150-0027), Office of d to impose an information collection does			
PART A. FOR NRC USE ONLY				Non-Public		ate Received 05 21 2021			
License Number Docket Number			er				Adams Accession Number		
PXB236.01		1100639	95						
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)									
			1	Name of Applicant's Contact ke Dammann			1b. Applicant's Reference Number BTL2		
San Antonio, Texas 7	San Antonio, Texas 78238			1c. Office Telephone Number (210) 522-5428			1d. Office Facsimile Telephone Number (210) 522-3649		
1e. Applicant's E-mail Address mdammann@swri.org									
2. Type of Action Requested Export (Parts B, C, E)			Amendment/Renewal Current License Nur			imber:	PXB236.00		
(Check one)	Import (Parts B,	D, E)	Consent Req	uest (Pa	arts B, C) Current Lic	ense Nu	imber:		
3. Contract Number(s)	•	<u>ol</u>		4	4. First Shipment Date 8/31/2020		ast Shipment Date	6. Proposed Expiration Date 12/31/2022	
	RT C. TO BE COM								
		· ·	me(s)/Address(es) of Intermediate reign Consignee(s)		Bes 413 Otta	9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) Best Theratronics Ltd. 413 March Road Ottawa, Ontario K2K 0E4			
7a. Function(s) Performed/Sen	vice(s) Provided	8a. Interm	8a. Intermediate Use(s)			Lor	^{9a.} Ultimate End Use(s) Long Term Storage, Use and Disposition		
 Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar V of Equipment for Export 		,	E	Aaximum Total Volume Element WGT (KG), or Fotal Activity (TBq)	e/ 10b.	Max Enrichment or WGT%	10c. Max Isotope WGT (KG)		
Co-60 Sealed Sources for Disposition: C146; Cs-137 Sealed Sources for Disposition: C3100, C1610, C440, C378, C1001, C161, CLS15, CLS15R, CLS20 or Ramco 50; Cs-137 or Co-60 for disposition in a Model II or III Specia form capsule USN0696/S-96 or USN0695/S-96; Devices with recycled Cs-137 Sources in models GC-1000, GC-3000 and GC-40 (See page 3 for more information)		LS20 or III Special s more	Cesi 370 Cob Max ship	00 TBq (120 kCi ium 137 TBq (10 kCi) alt 60 imum for all ments))				

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NRC FORM 7					U. S. NUCL	EAR REGI	JLATOF	RY COMMISSION
(07-2019) 10 CFR 110				RC EXPORT OR IMPO				
LIC	ENSE, AMEN	DMENT, REI	NEWAL,	OR CONSENT REQU	EST(S) (Co	ntinued)		
License Number	Docket Number		A	dams Accession Number	Г	Public	OR [Non-Public
PXB236.01	11006395						[
PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)								
12. Name(s)/Address(es) of Foreign Su other Foreign Parties to Import	ppliers and/or	13. Name(s)/Ade Intermediate		f Foreign or U. S. e(s)	14. Name(s)/Address(es) of Ultimate U. S. Consignee(s)			
12a. NRC Export License Number(s) (if	applicable)	13a. License Nu	mber(s) / E	xpiration Date(s)	14a. License Number(s) / Expiration Date(s)			
		12h Intermediat			14b Lillimata End Lico/c)			
		13b. Intermediat	e Use(s)		14b. Ultimate End Use(s)			
15. Description of Radioactive Materials	s, Sealed Sources	, Nuclear Facilitie	s 1	5a. Maximum Total Volume/	15b. Max Enr			lax Isotope
				Element WGT (KG), or Total Activity (TBq)	or WGT	%	VI VI	VGT (KG)
16. Foreign obligations (By country and	by Percentage of	Maximum Total	/olume)					
PART E TO BE CO			NSES A	MENDMENTS, RENE	WALSOR		REOL	IEST(S)
				ages 3-4 first, and then at				
17. Additional Information provided on p	ages 3, 4, and/or	separate sheets?	I	17a. Copies of Recipie	ent's Authorizat	ions Provide	d?	
Ves	s No				Yes		C	
18. Certification:						10 C -		
I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.								
18a. Print Name and Title of Authorized	Official		18b. Signa	ature Authorized Officia			1	8c. Date
Mike Dammann, Dire	Mike Dammann, Director R&D Digitally signed by Mike Dammann Date: 2021.05.13 16:13:42 -05'00'							

NRC FORM 7		U. S. NU	CLEAR REGI	JLATC	DRY COMMISSION
(07-2019) 10 CFR 110	APPLICATION FOR N	RC EXPORT OR IMPORT			
LICE	NSE, AMENDMENT, RENEWAL,		ntinued)		
		· · · ·			
License Number	Docket Number	Adams Accession Number	X Public		Non-Public
PXB236.01	11006395			UK	
Additional Information (Reference appli	icable block numbers from page 1 and/or page	ge 2 for each entry)	-		
10 Para cooled courses on	d appoint form appoulds are be	ing returned to Post Theratroni	ion for ultim	ata fi	nal proper
	nd special form capsules are be . Sources have been consolidat				
	Source handling was done at S				
	collected in an approved baske				
-	ackage or other proper shipping		•		
	quirements for various reasons				
capsule to enable shipment	t.				
	er special form Cesium 137 cap		,		
	oment. These capsules will und				-
	will be loaded at SwRI into GC	-	ch will be re	eturne	ed to Best
	nipment using the F-431, USA-9		ho roovala-	l hu -	looing them int-
	er special form Cesium 137 cap sules will undergo evaluation to		-	• •	-
	C-40 shields, which will be retu				
F-430, USA-9290-B(U) tran			type D Ship	men	t using the
	ioport puolitago.				
Purpose for amendment is	to extend expiration date as we	Il as increase total approved a	ctivity. Swl	RI ha	s exported
	requested maximum and has r				
Theratronics, in Canada the	e country of origin.				

SOUTHWEST RESEARCH INSTITUTE®

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CHEMISTRY AND CHEMICAL ENGINEERING

May 13, 2021

Mr. David Skeen, Deputy Director Office of Controls and Nonproliferation Branch U.S. Nuclear Regulatory Commission 11555 Rockville Pike Rockville Maryland 20852

Dear Mr. Skeen,

Southwest Research Institute (SwRI) is requesting an amendment to our existing export license (PXB236.00) to extend its expiration date by 12 months as well as increase the maximum total activity allowed. SwRI has already exported more than 75% of the old ceiling back to Canada and still has material that is destined to be exported. We currently have two GC-3000's in the process to be ready for export as well as 2 bulk shipments being planned. We have requested the maximum total activity for Cs-137 be increased by 3,300 TBq (90 kCi) to a grand total of 4,400 TBq (120 kCi). No change to the Cobalt-60 Maximum is needed. We look forward to your affirmative evaluation of our request.

The following items are included with this letter for your inspection:

- Updated NRC Form 7 (07-2019)
- A copy of Best Theratronics LTD. Nuclear Substance Processing Facility License NSPFL-14.00/2029.

Please feel free to contact me with any questions at (210) 522-5428 or mdammann@swri.org.

Best Regards,

Digitally signed by Mike Dammann Date: 2021.05.13 14:44:33 Ma b -05'00'

Mike Dammann Director R&D

