FORM PTO-1 Expires 06/30/99 OMB 0651-0027	102 RECORDA	C6-2003	⊢ ₽a	S. Department of Commerce atent and Trademark Office PATENT		
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type 2 アハス Conveyance Type						
New	1ype 3-5-03	Conveyance Type Assignment	Security Agreen	nent		
Resubmis	ssion (Non-Recordation) t ID#	License	Change of Name	e		
Correctio	n of PTO Error Frame #	Merger 🗸	Other CONFI	RMATORY LICENSE		
	e Document Frame #	(For Use ONLY	5. Government by U.S. Government A	gencies)		
				Secret File		
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year						
	BECHTEL BWXT IDAHO LLC			11/11/2002		
Name (line 2) Execution Date Second Party Month Day						
Name (line 1)						
Name (line 2)						
Receiving Party Mark if additional names of receiving parties attached						
Name (line 1) UNITED STATES DEPARTMENT OF ENERGY If document to be recorded is an assignment and the						
Name (line 2)	receiving party is not domiciled in the United States, an appointment					
Address (line 1)	1000 INDEPENDENCE AVENUE, S.W. of a domestic representative is attached. (Designation must be a)					
Address (line 2)	separate document from Assignment.)					
Address (line 3)	WASHINGTON	D. C. USA	205	85		
	City	State/Country	Zip Co			
Domestic R	epresentative Name and A	ddress Enter for the	first Receiving Par	ty only.		
Name				-v)		
Address (line 1)						
Address (line 2)						
Address (line 3)						
Address (line 4)				6 5		
FOR OFFICE USE ONLY						
and gathering the da	Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington,					
D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Mail documents to be recorded with required cover sheet(s) information to be recorded with required cover sheet (s) information to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with required cover sheet (s) information and record to be recorded with r						

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231 REEL: 013803 FRAME: 0949

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspondent Name and Address	Area Code and Telephone Number	[630] 252-2393			
Name ROBERT J. FISHER					
Address (line 1) U.S. DEPARTMENT OF ENER	GY				
ddress (line 2) OFFICE OF INTELLECTUAL PROPERTY LAW					
ddress (line 3) 9800 SOUTH CASS AVENUE					
Address (line 4) ARGONNE, ILLINOIS 60439					
Pages Enter the total number of including any attachment	pages of the attached conveyance docume s.	ent # 01			
Application Number(s) or Patent N		additional numbers attached			
Enter either the Patent Application Number or a Patent Application Number(s)	the Patent Number (DO NOT ENTER BOTH numbers t Patent	for the same property). t Number(s)			
10/217,925					
		[
f this document is being filed together with a new was	Patent Application, enter the date the patent applicat	tion Month Day Year			
Patent Cooperation Treaty (PCT)	PCT	РСТ			
Enter PCT application number only if a U.S. Application Numl has not been assigned.		PCT			
Number of Properties Enter the to	otal number of properties involved. #				
Fee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41): \$				
	nclosed Deposit Account				
Deposit Account (Enter for payment by deposit account or	if additional fees can be charged to the Deposit Account Number: #				
	Authorization to charge additional fees:	Yes No 🗸			
Statement and Signature					
To the best of my knowledge and attached copy is a true copy of the indicated herein.	d belief, the foregoing information is true a he original document. Charges to deposit	nd correct and any account are authorized, as			
Mark P. Dvorscak	1 BOwnule	FEB 2 4 2003			
Name of Person Signing	Signature	Date			

PATENT REEL: 013803 FRAME: 0950 L

CONFIRMATORY LICENSE (Advanced Class Waiver of Patent Rights) Title DEVICE FOR SELF-VERIFYING TEMPERATURE MEASUREMENT AND CONTROL Arthur D. Watkins, Collins P. Cannon, and Charles R. Tolle Inventor(s) 1 Serial No : 10/217,925 Filing Date: 08/12/2002 **BECHTEL BWXT IDAHO, LLC** Subcontractor : DE-AC07-99ID13727 DOE Contract No.: - BBWI Docket No. :LIT-PI-427D1 S-90,236 DOE Case No. DOE Advanced Class Waiver No.: W(C)-99-005

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

An advanced class waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to the contractor and the above-identified invention having been reported as a Subject Invention to DOE by the contractor with its election to file a domestic patent application thereon, the effective date of said waiver for the above invention is **01/30/1998.**

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under 10 CFR - Part 784 and the above-identified contract in this invention, patent application and any resulting patent as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, and of all rights acquired by the Government by the referenced patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this //____ day of November 2002.

BECHTEL BWXT IDAHO, LLC (Contractor)

(Contractor's Official and Title)

2525 Fremont Avenue, Idaho Falls, ID 83404

(Business Address)

PATENT REEL: 013803 FRAME: 0951

RECORDED: 03/05/2003