	אן סידורוכונו פ	OTICE OF GF				
1. GRANT/AGREEMENT NO. NRC-04-09-149	2. MODIFIC M001	ATION NO.	3. PERIOD OF FROM: 09/29,			
5. TYPE OF AWARD	6. ORGANIZ	ATION TYPE	J		NT NAME, ADDRESS, and EMAIL ADDRESS	
_				PENNSYLVANIA STATE UNIVERSITY, THE PENN STATE		
GRANT	003403953					
X COOPERATIVE AGREEME	NT			408 OLD MA	N N	
				alm250psu.	PARK PA 168021505 edu	
3. PROJECT TITLE: OCED/NRC PSBT Benchma	rk based on NUPEC	PWR Subchann	el and Bundle	e Tests		
. PROJECT WILL BE CONDUCTE	ED 10. TECHNICAL REPORTS		ARE REQUIRED 11. PRINCIP		AL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDR	
ER GOVERNMENT'S/RECIPIENT	· · · · ·	RESS AND FINAL		Dr. Maria N. Avramova Pennsylvania State University		
ROPOSAL(S) DATED				231 Reber	er Bldg	
ND APPENDIX A-PROJECT		Conference Prov	ceedinas)	University Park, PA 168021505 mnal090psu.edu		
GRANT PROVISIONS					mnaliog@psn.cdu.	
2. NRC PROGRAM OFFICE (NAM U.S. Nuclear Regulatory Co		. ACCOUNTING a PPN, NO:	and APPROPRIA 31x0200.960			
Attn. Mr. Alexander Velazo	non-Torada	R NO:	060-15-111-			
Mail Stop C-3A07M Office of Research	JC	B CODE:	K6883			
Washington, DC 20555	в	DC NO:	252A			
	0	FICE ID NO:	RES-C10-607	, 	X OTHER (SPECIFY) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")	
5. NRC OBLIGATION FUNDS	·····	16. TO	TAL FUNDING A	GREEMENT	This action provides funds for Fiscal Yoar 10	
THIS ACTION	\$22,500.00	NRC	\$117,802	.00	This action provides funds for Fiscal Year 10 in the amount of \$22,500.00	
REVIOUS OBLIGATION	\$10,000.00	,000.00 RECIPIENT \$0				
OTAL	\$32,500.00		\$117,802	.00		
8. Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance			/5	m	cting officer claet b 10/29/09	
by the grantee of the terms and co		sponse as accepta		(Signature IE (TYPED)) (Dáte)	
			TITL	E	Contracting Officer	
			TEL	EPHONE NO.	301-492-3621	
20. PAYMENT INFORMATION	······					
Payment will be made through the A award conditions, Federal reporting					pient has failed to comply with the program objectives, A110).	
21. Attached is a copy of the "NRC Acceptance of these terms and con 22. ORDER OF PRECEDENCE In the event of a conflict between th	ditions is acknowledge e recipient's proposal a	d when Federal fur	nds are used on t terms of the Awa	his project. ard shall preva	N.	
23. By this award, the Recipient cer	tifies that payment of a	ny audit-related de	bt will not reduce	the level of p	erformance of any Federal Program.	
JERIPLATE - ADMO	(P) a	insi revi				

NRC-04-09-149 Modification No. 1 Page 2 of 2

This modification provides incremental funding in the amount of \$22,500, thereby increasing the amount of funds obligated under this cooperative agreement from \$10,000 to \$32,500.

A summary of obligations for this contract from the award date through the date of this action is provided below:

Total FY 09 Obligations Total FY 10 Obligations	\$10,000 \$22,500
Cumulative Obligations	\$32,500
Total Funding Agreement	\$117,802

This modification obligates FY 10 funds in the amount of \$22,500.

All other terms and conditions remain unchanged.