	Gra	ant and	Coop	oera	tive	: A	greem	ent				OPERATIVE REEMENT	
CHOOSE ONE:	☐ EDL	ICATION	FACI	LITIES			RESEARCH		SDCR		X TRAI	NING	
1. GRANT/COOPERATIVE AGREEMENT NUMBER 2. SUPPL NRC-38-10-934 M0003					EMENT	NUME	BER	3. EFFE	CTIVE DATE		4. COMPLE	TION DATE	
5. ISSUED TO NAME/ADDRESS OF RE UNIVERSITY OF UT 201 S PRESIDENT SALT LAKE CITY U	CIRCL	HE E RM 408	ounty, State, 2	Zip)	6. ISSI Mail		idress: Acqu Mail	Stop:	-	-C64MP	vision		
7. TAXPAYER IDENTIFICATION NO. (TIN)					9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone)								
8. COMMERCIAL & GOVER	NMENT	ENTITY (CAGE) NO	D			Dr. Tatjana Jevremovic tatjana.jevremovic@utah.edu; Phone: (801)-587-9696							
10 RESEARCH PROJECT Junior Faculty D			am at th	e Univ	versi	ty o	f Utah Nu	clear E	Engineeri	ing Pro	gram		
11. PURPOSE See Schedule								<u></u> .					
12. PERIOD OF PERFORM 05/01/2010 throu													
13A.			HISTORY			13B.				FUNI	DING HISTOR	ιΥ	
PREVIOUS				\$300,0	00.00	00 PREVIOUS					\$300,000.00		
THIS ACTION					\$0.00	- 				\$0.00			
CASH SHARE				\$0.00					\$300,000.00				
NON-CASH SHARE				\$0.00 \$0.00				ļ		····			
RECIPIENT SHARE	_						· · · · · ·						
TOTA 14. ACCOUNTING AND AP		ITION DATA		\$300,0	00.00_								
PURCHASE REQUEST NO	PURCHASE REQUEST NO		JOB ORDER NO.			AMOUN					STATUS		
15. POINTS OF CONTACT		<u> </u>							!				
NAME			М	AIL STO	Р	TELEPHO	ONE	1	E-M	AIL ADDRES	 S		
TECHNICAL OFFICER	Nancy			3WE	3WFN/3A1		301-287-0	718	nancy.hebron-isreal				
NEGOTIATOR													
ADMINISTRATOR											~	·	
PAYMENTS	<u> </u>		<u> </u>	L_									
16. THIS AWARD IS MADE Pursuant of Sec				Atomi	c Ene	ergy	Act of 19	954, as	amended	l	·		
17. APPLICABLE STATEMI	ENT(S), II	- CHECKED:				18	APPLICABLE E	NCLOSUR	E(S), IF CHEC	CKED:			
NO CHANGE IS MADE TO EXISTING PROVISIONS					lг	PROVISIONS SPECIAL CONDITIONS							
FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC						[TIONS AND F		577,6116		
REQUIREMENTS APPLY TO THIS GRANT UNITED STATES OF AMERICA							COOPERATIVE AGREEMENT RECIPIENT						
						4				-			
CONTRACTING/GRANT OFFICER ERIKA EAM ENTLA Lam			_	DATE 01/30/2	2014	AUTHORIZED REPRESENTATIVE				DATE			

ADMON

Grant and Cooperative Agreement

				ESTIMATED COST			
ΓΕΜ ΝΟ. (A)	. ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)		
(,,	CFDA Number: 77.008						
	DUNS Number: 009095365	-					
	The purpose of MOD is to extend the perod of						
	performance for 1 year, expiring 12/31/14						
	University of Utah, grant # NRC-38-10-934						
	As a result of this modification:						
	1.ATTACHMENT A - SCHEDULE,						
	A.Section A.2 PERIOD OF GRANT, delete in its						
	entirety and replace with the following:						
	"1. The effective date of this Grant is May 1,						
	2010. The completion date of this Grant is						
	December 31, 2014.						
	2. Funds obligated in this grants are available						
	for program expenditures for the period:						
	May 1, 2010 - December 31, 2014"						
	B. Section A.4 AMOUNT OF AWARD AND PAYMENT						
	PROCEDURES, delete in its entirety and replace						
	with the following:						
	"1. The total estimated amount of this Award is						
	\$300,000 for the four year and six month period."						
				•	·		
	2. ATTACHMENT B - Program Description,		'	·			
	A. Section B.1 PROJECT NARRATIVE, delete teh						
	first paragraph in its entirety and replace with						
	the following:						
	"The College of Engineering and the University of						
	Utah with the generous gift from the			1			
	EnergySolutions, are supporting revitalization of						
	Nuclear Engineering Program. The College has						
	recently hired a senior faculty who serves as a						
	Director of the UNEP, and who is also the PI of						
	Continued						

Grant and Cooperative Agreement

ITEM NO.			UNIT	ESTIMATED COST			
	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)		UNIT PRICE (E)	AMOUNT (F)		
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	this proposal. With the goals of building	1-7	1				
	multidisciplinary nuclear engineering program,		.				
	expanding research activities and broadening the						
	curriculum, the College of Engineering has						
	opened one more faculty position. This grant,						
	matched by the College of Engineering, will be						
	used in full to support a new faculty at the						
	assistant tenure track position starting Fall						
	2010. The						
	award in total of \$300,000 to the Sponsor,			į			
	matched with \$150,000 by the College of						
	Engineering, for a period of four years and six						
	months, will importantly benefit our program in						
	allowing us to offer highly competitive start-up						
	package."						
	B. SECTION B.6 LEVERAGED/MATCHING FUNDS, delete						
	in its entirety and replace with the following:						
	"The College of Engineering is matching \$100,000						
	from the NRC with \$50,000, for all four						
	years and six months. The commitment letter from		ĺĺ	ĺ			
	the Dean of the College of Engineering is						
	supplied."			}			
	All terms and conditions remain the same.						
	Payment:	ļ					
	ASAP GRANT FUNDS REIMBURSEMENT SYS						
	US TREASURY						
	Period of Performance: 05/01/2010 to 12/31/2014						
				1			
	·						
			[