

Quarterly Recovery Act Reporting: DOE Office of Science

Recovery Project Name and Identification Number:	2005410 - Energy Sciences Fellowships and Early Career Awards (WDTS)
Reporting Period:	2nd Quarter 2014
Laboratory M&O Contractor:	Los Alamos National Security, LLC
WAS Number:	KA/NS03/9/ARRA-2 Rev. 0
Laboratory POC:	Evgenya I. Simakov
SC Program POC:	Dennis Kovar
Site Office POC:	Eugene Colton
SC Budget Office POC:	Denise Allen
Total Funding Under this WAS (Whole Dollars):	\$2,500,000

JOBS	
REPORT QUARTERLY JOBS AT THE PRIME AND SUBCONTRACT LEVEL	
Prime Contract Jobs Created this quarter:	
Prime Contract Jobs Retained this quarter:	0.7
Total Prime Contract Jobs for this quarter:	0.7
Subcontract Jobs Created this quarter:	
Subcontract Jobs Retained this quarter:	0.2
Total Subcontract Jobs for this quarter:	0.2
Total Number of Jobs for this quarter:	0.9
Total Number of Subcontracts :	1

RECOVERY ACT MILESTONES				
Recovery Act Milestones (From SC Program Milestone Table)		Date	Progress Towards Next Milestones	Completed (Yes/No)
<i>Initiate research for the Early Career Research Program</i>		30-Jun-10	Milestone complete.	Yes
<i>First quarterly Recovery Act progress report due</i>		30-Sep-10	Milestone complete.	Yes
Additional Notable Milestones		Date	Progress Towards Next Milestone	Completed (Yes/No)
<i>Design a single-cell superconducting PBG cavity at 700 MHz with rf and HOM couplers</i>		30-Nov-10	Milestone complete.	Yes
<i>Design and procure a cryostat</i>		31-Mar-11	Milestone complete.	Yes
<i>Test the 2.7 GHz prototype cavity</i>		31-Mar-11	Milestone complete.	Yes
<i>Report the progress at PAC 2011 conference</i>		1-Apr-11	Milestone complete.	Yes
<i>Work with vendor to develop fabrication procedure for a 700 MHz PBG cavity</i>		30-Apr-11	Milestone cancelled due to vendor issues.	No
<i>Initiate the design of the TW structure for wakefields testing</i>		30-Apr-11	Milestone complete.	Yes
<i>Hire a graduate student for the project</i>		1-Sep-11	Milestone complete.	Yes
<i>Send a contract to MIT to support the graduate student</i>		1-Sep-11	Milestone complete.	Yes
<i>Procure the 2.1 GHz SRF PBG prototype cavity</i>		1-Jan-12	Milestone complete.	Yes
<i>Test the 2.1 GHz SRF PBG prototype cavity</i>		1-Mar-12	Milestone complete.	Yes
<i>Design the TW structure for wakefields testing</i>		1-Apr-12	Milestone complete.	Yes
<i>Tune and braze prototype TW cells</i>		1-May-12	Milestone complete.	Yes
<i>Report the results at IPAC 12 conference</i>		1-Jun-12	Milestone complete.	Yes
<i>Report the results at AAC 2012 workshop</i>		18-Jun-12	Milestone complete.	Yes
<i>Develop the conceptual the design of the 5-cell SRF PBG structure</i>		1-Sep-12	Milestone complete.	Yes
<i>Send a contract to MIT to support the graduate student for the second year</i>		1-Sep-12	Milestone complete.	Yes
<i>Design the hardware for the wakefield experiment</i>		1-Apr-13	Milestone complete.	Yes
<i>Procure TW cells for the wakefield experiment.</i>		1-Apr-13	Milestone complete.	Yes
<i>Procure the hardware for the wakefield experiment</i>		1-Jun-13	Milestone complete.	Yes
<i>Test and tune TW cells for the wakefield experiment.</i>		1-Sep-13	Milestone complete.	Yes
<i>Put together the components for the wakefield experiment.</i>		1-Jan-14	Milestone delayed due to delays with tuning. Components should all be ready by June, 2014.	No
<i>Procure the copper prototype of the 5-cell SRF PBG structure for cold-testing.</i>		1-Jun-14	Milestone delayed. Order is placed. Fabrication started. The new delivery date is September 1, 2014.	No

<i>Conduct the cold-test of the copper prototype of the 5-cell SRF PBG structure.</i>	<i>1-Sep-14</i>	<i>Milestone on schedule</i>	<i>No</i>
<i>Conduct the wakefield experiment.</i>	<i>1-Sep-14</i>	<i>Milestone on schedule</i>	<i>No</i>

Quarterly reports are due by 4:00 pm (ET) on the 10th of the month following the end of each quarter. If one of these dates falls on a weekend or holiday, the reports are due by 4:00pm (ET) on the very next business day.

Last updated August 2010