Muon Campus AIP

Change Request Form

CR#:RRF013

1) DATE: 5/18/16	**2)WBS: RRF1.02.01**	**3) Originator: Ken Domann** KAD

4) WBS Description of Primary Affected Tasks: Recycler Cavities & Power Amplifiers

5) Technical Description & Primary Motivation for Change: Add adjustment task to the Recycler Cavities & Power Amplifiers account that removes $310,000 of base M&S and adds it to contingency. A later CR will remove this budget from the TPC. The total change to the budget is -$401,769 with a corresponding increase in contingency.

6) Assessment of Cost Impact (Use attachments if needed): See attached.

7) Assessment of Schedule Impact (Use attachments if needed): N/A

8) Secondary Impact & Other Comments: N/A

9) Approvals:

AIP Project Manager:		**Date:** 05/23/16
AIP Project Director:		**Date:**
AIP Project Coordinator:		**Date:** 5/23/16
AD Div Director:		**Date:**
Directorate:		**Date:**
Federal Project Director:		**Date:**
DOE Site Manager:		**Date:**

RRF CR013 Material Delta

UID	WBS	Name	Start	Finish	Original M&S	New M&S	Delta	Comments
1	**RRF1**	**Recycler RF AIP**	6/3/13	11/11/16	**$3,352,291**	**$3,042,291**	**($310,000)**	
2	**RRF1.02**	**RF**	6/3/13	9/26/16	**$3,257,291**	**$2,947,291**	**($310,000)**	
3	**RRF1.02.01**	**Recycler Cavities & Power Amplifiers**	6/3/13	5/2/16	**$1,844,352**	**$1,534,352**	**($310,000)**	
184	RRF1.02.01.1	Adjustment task to remove excess budget	5/2/16	5/2/16	$0	-$310,000	($310,000)	New task

RRF Pre CR013 CAP

Control Account.WBS (4)	Results		FY13	FY14	FY15	FY16	Cumulative
RRF1.01.04.01 Recycler AIP Oversight - FY13							
		Scheduled	24,910.17	0.00	0.00	0.00	24,910.17
RRF1.01.04.02 Recycler AIP Oversight - FY14							
		Scheduled	0.00	116,046.75	0.00	0.00	116,046.75
RRF1.01.04.03 Recycler AIP Oversight - FY15							
		Scheduled	0.00	0.00	95,214.68	0.00	95,214.68
RRF1.01.04.04 Recycler AIP Oversight - FY16							
		Scheduled	0.00	0.00	0.00	121,350.20	121,350.20
RRF1.02.01 Recycler Cavities & Power Amplifiers							
		Scheduled	99,016.36	627,121.66	2,806,143.51	1,502,789.45	5,035,070.98
RRF1.02.02 Recycler RF Cooling							
		Scheduled	0.00	0.00	4,956.66	491,139.23	496,095.89
RRF1.02.03 Recycler Low Level RF							
		Scheduled	0.00	0.00	3,937.99	179,765.18	183,703.17
RRF1.02.04 Recycler RF Installation							
		Scheduled	0.00	0.00	0.00	831,876.94	831,876.94
RRF1.02.05 8kW 2.4 Mhz RF Cavity System							
		Scheduled	0.00	0.00	0.00	832,772.66	832,772.66
Grand Total							
		Scheduled	123,926.53	743,168.41	2,910,252.85	3,959,693.66	7,737,041.45

RRF Post CR013 CAP

Control Account.WI	Resource.TYPE	Results		FY12	FY13	FY14	FY15	FY16	Cumulative
RRF1.01.04.01 Recycler AIP Oversight - FY13									
			Scheduled	0.00	24,910.17	0.00	0.00	0.00	24,910.17
RRF1.01.04.02 Recycler AIP Oversight - FY14									
			Scheduled	0.00	0.00	116,046.75	0.00	0.00	116,046.75
RRF1.01.04.03 Recycler AIP Oversight - FY15									
			Scheduled	0.00	0.00	0.00	95,214.68	0.00	95,214.68
RRF1.01.04.04 Recycler AIP Oversight - FY16									
			Scheduled	0.00	0.00	0.00	0.00	121,350.20	121,350.20
RRF1.02.01 Recycler Cavities & Power Amplifiers									
			Scheduled	0.00	99,016.36	627,121.66	2,806,143.51	1,101,020.11	4,633,301.64
RRF1.02.02 Recycler RF Cooling									
			Scheduled	0.00	0.00	0.00	4,956.66	491,139.23	496,095.89
RRF1.02.03 Recycler Low Level RF									
			Scheduled	0.00	0.00	0.00	3,937.99	179,765.18	183,703.17
RRF1.02.04 Recycler RF Installation									
			Scheduled	0.00	0.00	0.00	0.00	831,876.94	831,876.94
RRF1.02.05 8kW 2.4 Mhz RF Cavity System									
			Scheduled	0.00	0.00	0.00	0.00	832,772.66	832,772.66
Grand Total									
			Scheduled	0.00	123,926.53	743,168.41	2,910,252.85	3,557,924.32	7,335,272.11