

Approved by: D. Cabelli _____

DEPT ID #	PI	Name	Ind	Haz	Rad	Mix	Med	Work w/ UNP	Atm	Liq. Dis	Stor-c HAZMAT X-fer	Stor-r	GHG	Soil	Comment
CO-01-04	Hahn	Scintillator (LENS)	a	a					x	x	e	x			
CO-04-01	Fujita	Synthesis	a	a					x	x	x				
CO-04-02	Preses	LEAF													
CO-04-2A	Cabelli	VdeG Expts							x				a		Use of SF6
CO-04-03	Cabelli	60-Cobalt										a, c, e			
CO-04-04	Polyanskiy	Laser Ramen													
CO-04-05	Grills	FlashPhotol	a	a					x	x					LEEF, Peroxide disposal
CO-04-06	Fujita	Vacuum Lines	a	a					x		x				Sodium. Peroxide formers (THF).
CO-04-08	Holroyd	High Pressure		a					x						
CO-04-09	Cook	Sample Prep	a	a				a	x	x	x				Peroxide formers (THF).
CO-04-10	Lymar	Reactivity of NO		a					x	x	x				Generation of trace emissions –Ozone (O ₃).
CO-04-11	Fujita	Instrumentation	a	a					x	x	x				
CO-04-12	Grills	PTI Emission		a					x		x				Reviewed for nano(none)
CO-04-13	Wishart	Ionic Liq. Syn.	a	a					x	x	x				Peroxide formers used (ethers)
CO-04-13A	Wishart	Electrospray	a	a					x		x				
CO-04-14	Khalifah	X-Ray Diffraction	a						x						
CO-04-19	Khalifah	Transition Metal Oxides	a	a											
CO-04-20	Wishart	Ultrafast		a							x				LEEF needed if D2O used. Not used now.
CO-04-22	Polyansky	Nano		a				a			e				
CO-04-26	Polyansky	Etching		a					x	b					
CO-4-27	Burmistrova	Vapor Deposition	a	a							c				

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CO-06-02	Hall	SpecDyn	a	a						x	e				
CO-07-02	White	Surfaces		a					x		x				
CO-07-03	Camillone	Ultrafast	a	a				a			c				
CO-07-04	White	IR Spec	a	a											
CO-07-05	White	Nanoclusters		a											No UNP or UNP waste.
CO007-06	Yang	Catalysis		a											
CO-09-01	Phan	Nanoparticle		a				a	x		c, e				
CO-09-02	Rodriguez	Metal Surfaces	a												Reviewed for nano(none)
CO-09-03	Grills	NMR							x						Uses helium, nonrenewable resource
CO-09-04	Rodriguez	Powders	a					a	x						
CO-09-06	Zhou	Surface EtOH	a	a											
CO-CFN-1-1	Sutter	Microscopy Nano		a							x				Reviewed for nano(none)
CO-MA-1	Adzic	Metal Oxide	a	a				a	b						
CO-MA-1A	Smalley	Fuel Cell		a											
CO-MA-1B	Wang	SEM	a												Nano and haz waste aspect identified and managed as part of other ESRs.
CO-MA-2	Yang	LiOX Cathode		a					x		e				
CO-MA-3	Yang	Polymer		a					x						
CO-MA-4	Yang	Lithium cells	a	a					x		c				

Revision Log

Rev. #	Date	Reasons for Revision
8	2/8/08	Changed Cabelli from preparer to approver on header.
8	2/8/08	Added PCB aspect to #CO-04-09
8	2/8/08	Added "N" to "other" aspect to indicate the work involved nanomaterials. Add "none" to comments on jobs reviewed for nano, which didn't end up using nano.
8	2/8/08	Removed CO-CFN-1-2 as work has moved to the CFN.
8	2/8/08	Added this revision log.
9	2/3/09	Updated the header.
9	2/3/09	Deleted CO-01-1 as the project is over and the last remaining aspect, the gallium tank, has been removed.
9	2/3/09	Revised comments section, removing those that are either resolved or no longer applicable.
9	2/3/09	Added a column for engineered nano aspect and identified nano work as applicable. Removed the "N" used to ID nano work in the "Other" column and marked respective aspect boxes.
9	2/3/09	Marked CO-1-3 and CO-4-16 as inactive and added CO-04-04.
9	2/3/09	Deleted CO-9-1 as the project has ended.
9	2/3/09	Minor aspect revisions on CO-01-04, CO-04-11, CO-MA-2
9	2/3/09	Changed PI from Bullock to Grills on CO-09-03.
10	4/28/10	Revised aspects and comments on 4-1, 4-9, 4-19, 4-20, 7-2, 7-3, 9-4, MA-2
10	4/28/10	Deleted comment only on 4-11
10	4/28/10	Deleted inactive experiments 1-3, 4-16, 4-17 and 9-5
11	5/16/11	Added CO-4-21, CO-4-22, CO-6-1, CO-7-04, CO-MA-1A, CO-9-6
11	5/16/11	Made minor name changes to experiments to coincide with Electronic ESR IDs
11	5/16/11	Changed some aspects to corespond with updated ESRs: CO-04-1, CO-07-3, CO-MA-1, CO-MA-2, CO-MA-4
11	5/16/11	Other minor changes on CO-07-2, CO-09-4
12	2/13/13	Change names in "Names" column to match the electronic database.
12	2/13/13	Add/remove experiments and aspects to reflect ESR review changes.
13	5/10/13	Updated aspects, 4-2, 4-3, 4-5, 4-22
14	5/30/14	Added/updated experiments & associated aspects to reflect new ESRs (4-27, 9-1, 9-7)
14	5/30/14	Updated aspects criteria according to SBMS changes