



Memo

date: October 31, 2011

to: Policy Council

from: Suzanne M. Davidson 

subject: BNL Financial Status as of September 30, 2011

Funding: In September we received \$49M of New Funding for a total of \$691M for the year. September included additional WFO as follows:

- \$23.3M from NIH for Beam lines,
- \$9M from IAEA for ISPO,
- \$2.2M from NASA for NSRL, and
- \$1M for NRC.

Our total New Funding was \$25M less than PeopleSoft estimates primarily in WFO.

Spending: FY11 spending of \$769M was significantly below expectations. Cost plans in PeopleSoft were \$63M above actual at \$832M.

Rates: G&A Revenue fell \$5M below expectations due to low program spending and an increasing bias toward Extraordinary Construction Projects.

This was more than offset by under spending in the G&A pool, LDRD, and Program Development activities. A spread back of \$2M to programs was made at closing.

Our new Standard Labor Rate (SLR) pool effectively distributed labor costs with little disturbance in its first year.

Effort: Our FTE level for FY11 was 2,990. There are 166 open requisitions. Active head count is 3,092.

Attachments

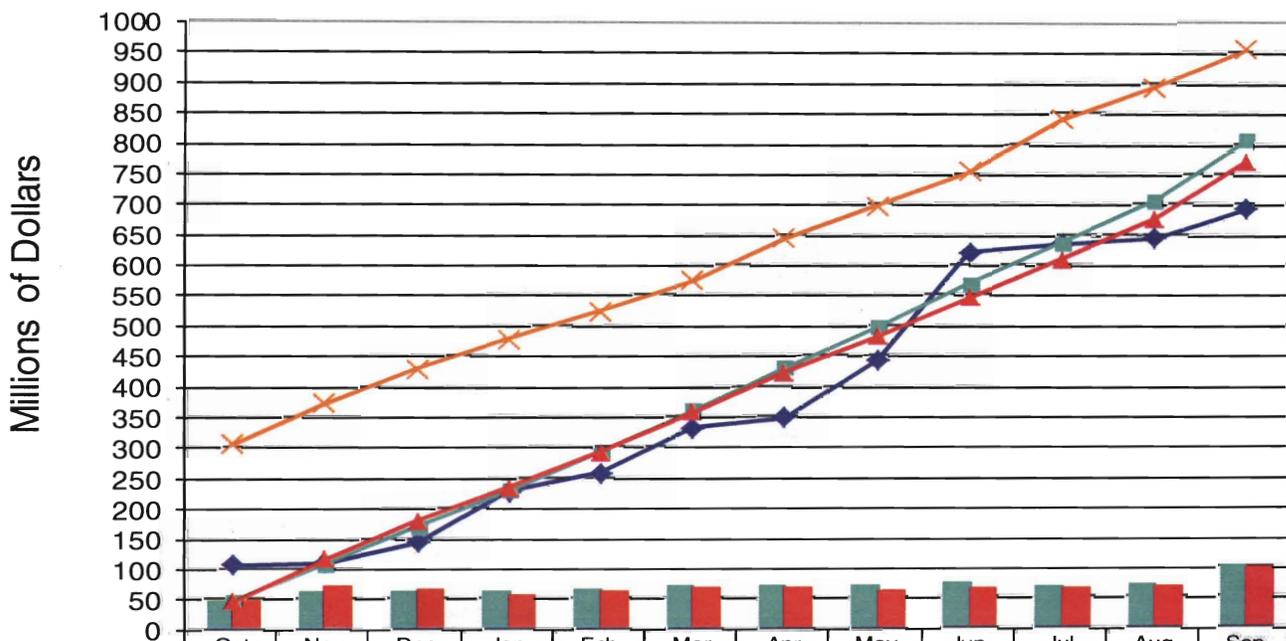
cc: P. Ferrara
R. McNair
K. Fox
File 1103.1

BNL Financial Status 9/30/2011 Summary of Funding and Cost

Millions of Dollars

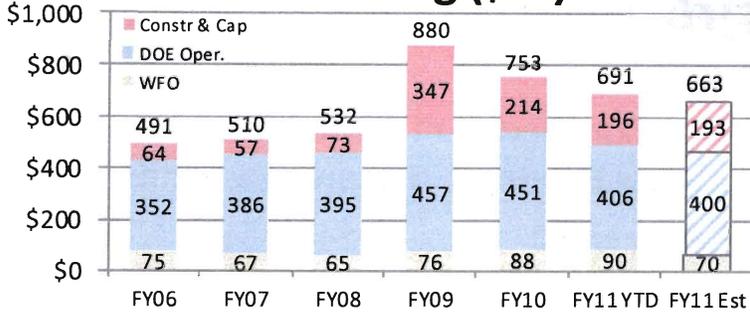
Funding	Carryover	Expected New Funds	P/S Expected New Funds	YTD Funds Received	Total Funds Avail
DOE Operating	\$164	\$400	\$407	\$406	\$570
DOE Capital & Construction	\$277	\$193	\$201	\$196	\$472
Federal WFO	\$52	\$36	\$70	\$59	\$112
Other WFO	\$18	\$34	\$38	\$30	\$48
Total Funds	\$510	\$663	\$716	\$691	\$1,202
Estimated Cost	Projected Cost	P/S Cost Plans	YTD Cost	Open Commitmts	Carry forward
DOE Operating	\$439	\$451	\$432	\$21	\$138
DOE Capital & Construction	\$297	\$301	\$270	\$158	\$203
Federal WFO	\$38	\$45	\$39	\$3	\$73
Other WFO	\$30	\$34	\$29	\$2	\$19
Total Cost	\$804	\$832	\$769	\$183	\$432

FY11 BNL Funding and Expense Summary

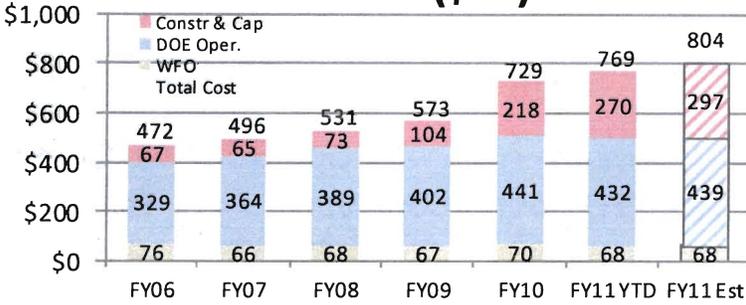


	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Historical Monthly Cost Rate	45.5	60.5	61.4	59.1	63.5	68.3	69.7	68.1	71.0	67.0	70.5	99.2
Monthly Spending	44.8	70.0	62.6	54.1	58.7	65.2	66.1	59.3	63.3	62.9	67.0	95.5
Workdays per Month	14	21	19	19.5	21	19	22	22	20	20	22	29
New Funding	105.0	108.3	142.0	225.9	255.7	328.9	346.2	440.4	619.0	632.5	642.3	691.5
Historical Spend Projection	45.5	106.1	167.4	226.6	290.1	358.5	428.2	496.3	567.3	634.3	704.8	804.0
YTD Expense	44.8	114.8	177.4	231.5	290.2	355.4	421.5	480.8	544.1	607.0	674.0	769.5
Expense + Commit.	303.9	370.2	427.6	476.3	521.5	571.2	642.8	695.3	751.6	837.9	891.5	952.7

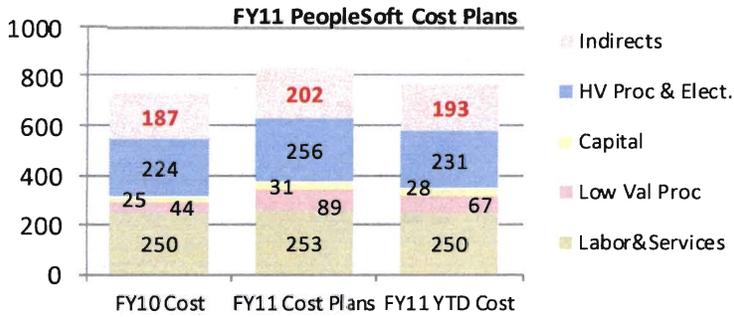
New Funding (\$M)



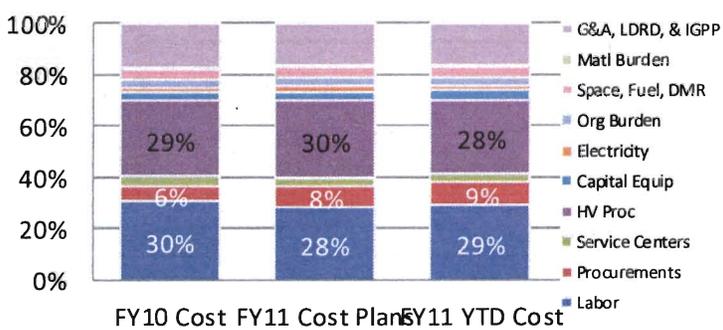
Total Cost (\$M)



Program Cost Breakdown (\$M)



Program Cost Breakdown % (Detail)



YTD Effort in FTE's

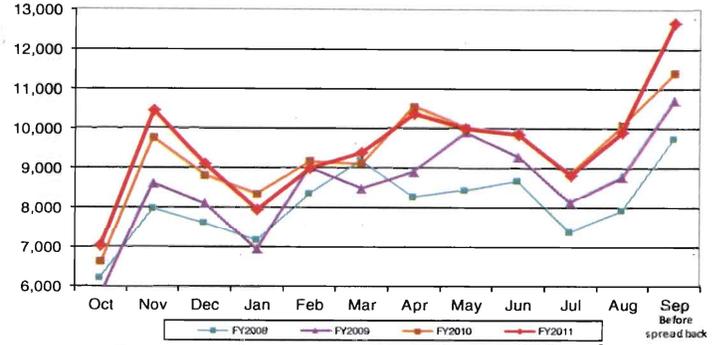
FY 11 Period 12 FTEs by Manager

	GARS	ELS	BES	NP	PS	Other	Total
Direct	111.3	149.4	146.3	676.9	407.7	87.6	1,579.2
Staff Augmentation	1.0	3.0	8.0	1.0	3.0	3.0	19.0
Recharge	6.5	21.0	2.7	75.4	34.4	50.3	190.2
Total Direct FTEs	118.7	173.4	157.0	753.2	445.1	140.9	1,788.4
Recharge Services effort	3.2	8.7	3.8	4.9		243.8	264.3
Indirect Others	63.8	61.9	57.1	113.3	19.2	621.5	936.8
Total Indirect FTEs	67.0	70.6	60.9	118.2	19.2	865.3	1,201.1
Total Direct & Indirect FTEs	185.7	244.0	217.9	871.4	464.3	1,006.2	2,989.5

Thousands

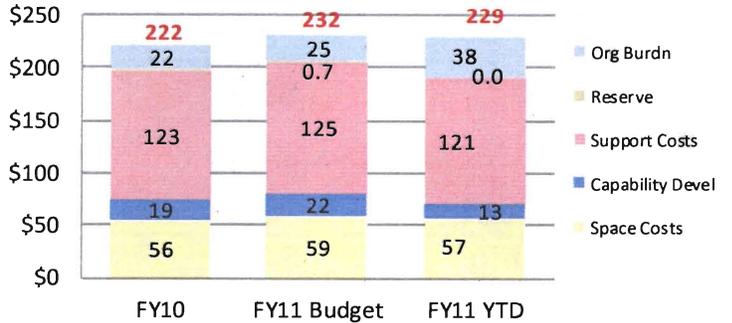
G&A Revenue by Month

Prior Years are Corrected to Include ITD



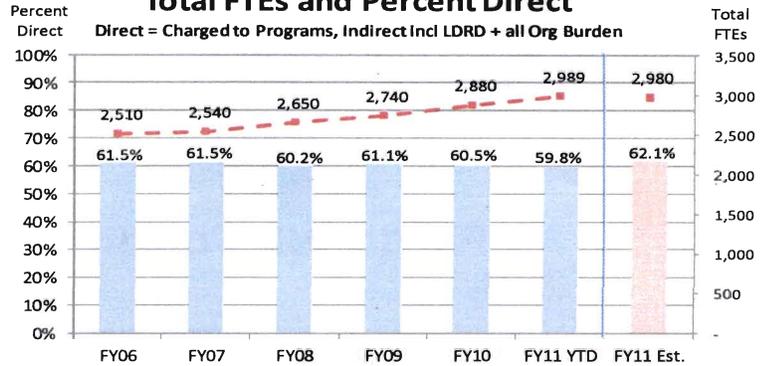
Discretionary Funds Stack (\$M)

Note that there is overlap among indirect pools due to internal recharging



Total FTEs and Percent Direct

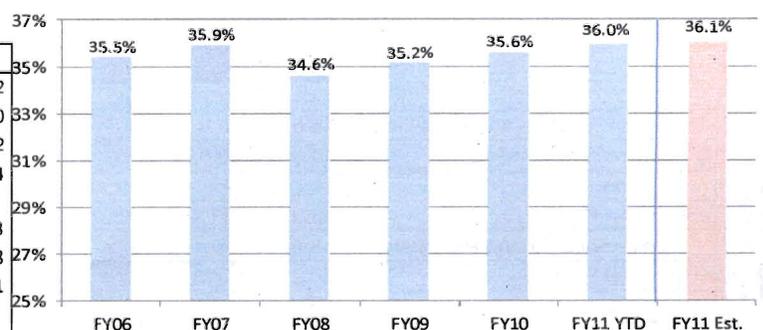
Direct = Charged to Programs, Indirect Incl LDRD + all Org Burden



Total Overhead / Total Lab Internal Operating Cost



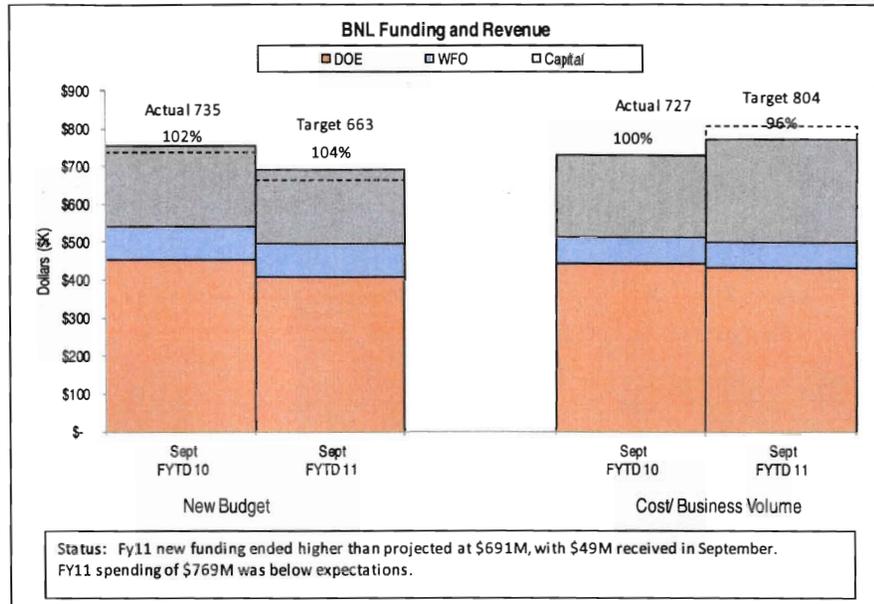
Fringe Benefits as Percent of Salaries



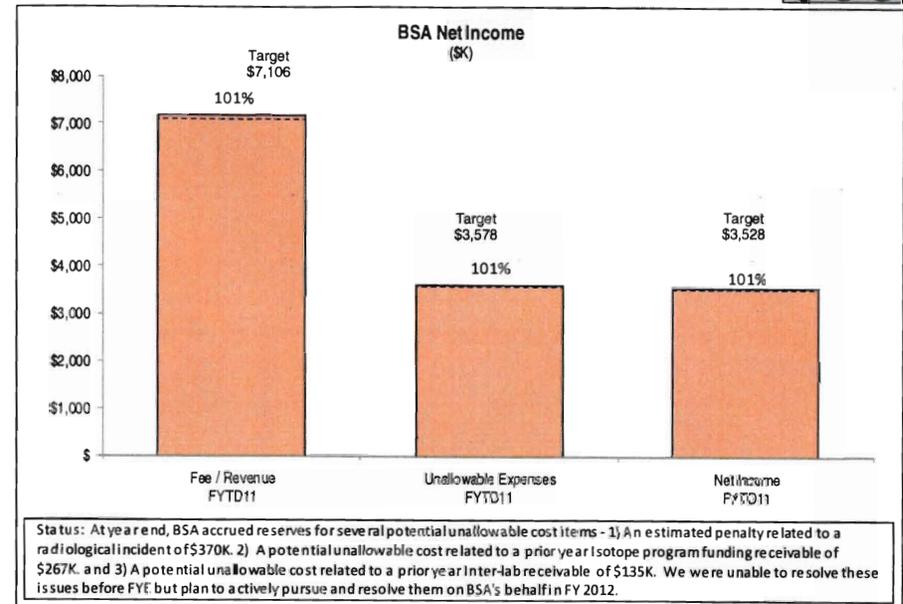
Brookhaven National Laboratory

Period Ending: September 2011
Elapsed Time: 100%

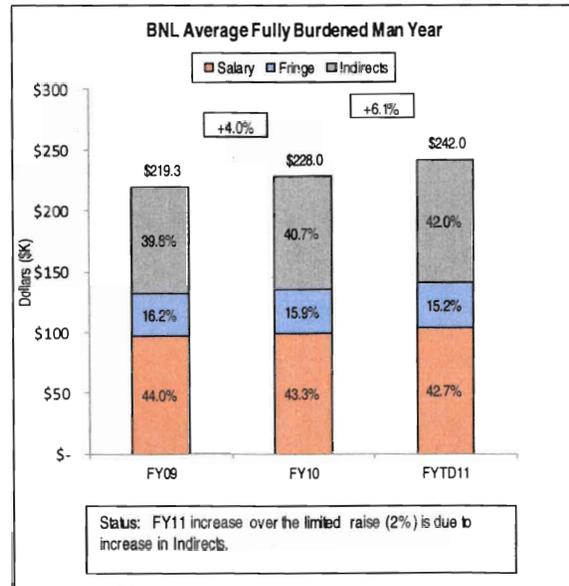
Growth



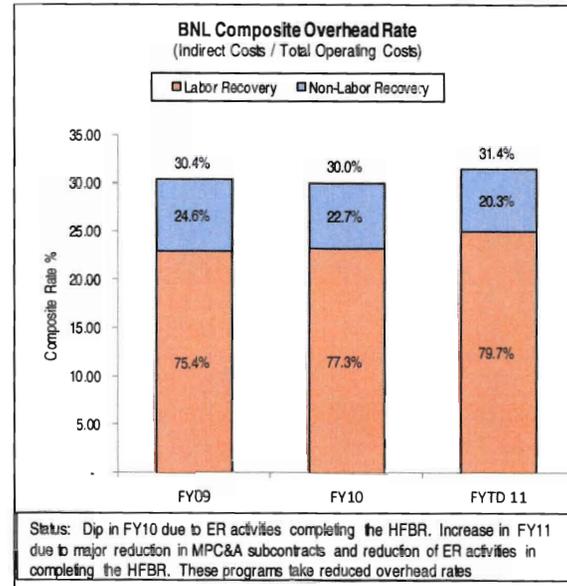
Profitability



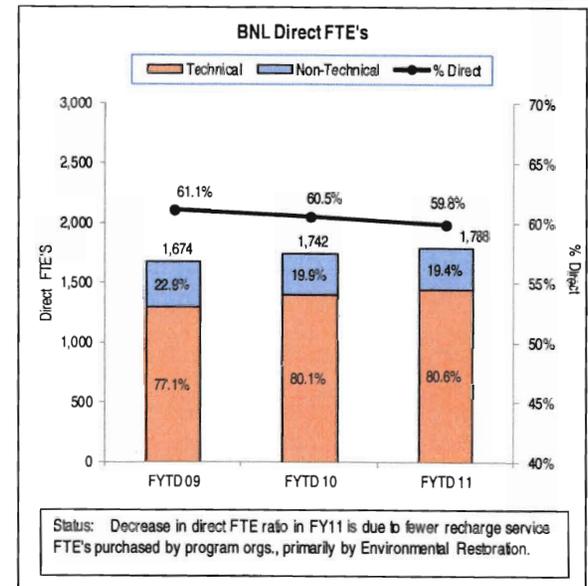
Cost of Doing Business: Labor



Cost of Doing Business: Total Operating Cost



Growth/Efficiency



BNL ARRA SUMMARY - 9/30/2011	B&R Code	Program Code	L-T-D Total Obligations	Cur Month Expense	Life to Date Expense	Uncosted Balance
Office of Science						
Particle Physics						
Long Baseline Neutrino Experiment	KA1102033	2005175	5,000	30	4,786	214
Long Baseline Neutrino Experiment	KA1102034	2005175	1,000	64	950	50
Advanced Technology R&D Augmentation	KA1502011	2005170	102	11	71	31
Total Particle Physics			6,102	105	5,807	295
Nuclear Physics						
PHENIX Silicon Vertex MIE full funding	KB0201021	2005200	250		244	6
PHENIX Forward Vertex Detector MIE full funding	KB0201021	2005210	967	272	959	8
Enhanced AIP Funding at NP User Facilities	KB0202011	2005220	8,000	158	6,525	1,475
Nuclear Science Workforce - Use of Covariances	KB0401022	2005270	408	13	336	72
Nuclear Science Workforce - Neutron Cross Section Covariances	KB0301042	2005270	1,400	44	924	476
Trips to LANL to Participate in Experiments	ST5001020	2005230	25		11	14
Enhanced Utilization of Isotope Facilities - Equipment Purchases	ST6001030	2005230	537	3	486	51
Enhanced Utilization of Isotope facilities	ST6001020	2005230	1,316	21	523	793
Total Nuclear Physics			12,903	511	10,008	2,895
Basic Energy Sciences						
Early Career Research Program	KC0201010	2005410	2,500	34	517	1,983
Nanoscale Science Research Centers - Capital Equipment	KC020401H	2005040	5,569		4,848	721
Light Source Improvement - Capital Equipment	KC0204011	2005045	3,000		2,989	11
National Synchrotron Light Source II	39KC02000	2005010	150,000	3,484	124,497	25,503
Total Basic Energy Sciences			161,069	3,518	132,851	28,218
Science Laboratory Infrastructure						
General Plant Projects	KG0900000	2005380	18,500	9	18,434	66
SLI Construction, Interdisciplinary Science Building, Ph 1	39KG01000	2005370	18,673	2,544	18,422	251
Total Science Lab Infrastructure			37,173	2,553	36,856	317
Office of Science Total			217,247	6,687	185,522	31,725
Office of the Chief Financial Officer						
Advanced Research Projects Agency - Energy (ARPA-E)	CJ0100000	2010000	8	0	8	0
Energy Efficiency and Renewable Energy						
Management and Oversight (EE Program Direction)	EB5100000	2004040	114		114	0
EGS Technology R&D	EB4005020	2004190	1,897	40	1,463	434
Energy Efficiency & Renewable Energy Total			2,011	40	1,577	434
Environmental Management						
BNL Recovery Act Project (EM)	FE0110110	2002010	39,532	1,239	39,527	5
BNL Recovery Act Project (EM)	FE0110120	2002010	31,278	406	31,264	14
Environmental Management Total			70,810	1,645	70,791	19
WFO						
PNNL - WFO - Atmosphere Radiation Measurement	YN1901000	2005090	2,975	47	2,975	0
SLAC/LUSI Equipment Fabrication	YN1901000	2005030	800		293	507
NIH - NSLS II Beamlines	400412000	N/A	12,000	9	262	11,738
NIH - Biology Research Grants	600301010	N/A	1,111	(1)	702	409
WFO Total			16,886	55	4,232	12,654
BNL Totals			306,962	8,427	262,130	44,832