

Community Advisory Council
October 11, 2012
Action Items/Notes

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. PET Plants: Imaging Natural Processes for Renewable Energy from Plants
5. Agenda Setting
6. 2011 Annual Site Environmental Report
7. Community Comment
8. Membership issue – number of seats a member can fill

1. Attendance

Members/Alternates Present: See Attached Sheets.

Others Present: S. Aronson, B. Babst, S. Bogart, J. Carter, N. Detweiler, R. Ferrieri, D. Gibbs, M. Gocs, R. Gordon, S. Johnson, R. Lee, R. McKay, J. Mendi, P. Paul, A. Rapiejko, J. Remien

2. Correspondence and Handouts

Items numbered one and two were mailed to Members with a cover letter dated October 4, 2012. Items numbered three through five were available as handouts at the meeting.

1. Draft agenda for October 11, 2012
2. Draft notes for September 13, 2012
3. Copy of PET Plants presentation
4. Copy of Site Environmental Report presentation
5. Copies of the 2011 Site Environmental Report

3. Administrative Items

The meeting began at 6:31 p.m. Reed Hodgins, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Member Chaudhry asked how people in the Individual category should introduce themselves. Should they just say their names or should they say what their interest in serving on the CAC is.

Hodgins said you should state your interest even if you are not representing an organization.

Hodgins then asked the CAC if they would like to try to end this evening's meeting by 8:30 p.m. so everyone can get home in time to see the Vice Presidential debate.

The CAC agreed to end the meeting early.

Hodgins said if there is not enough time to have the discussion on membership tonight, it will be postponed until next month. We can make that decision later on in tonight's meeting as time allows.

Nora Detweiler, liaison to the CAC, said invitations to the American Chemical Society (ACS) event on October 19th were emailed to everyone. If you did not receive one, copies are available

on the table. The Chemistry Building at the Laboratory is being designated as a Historical Chemical Landmark by the ACS in recognition of the synthesis of ^{18}F FDG, the first successful radiotracer used for positron emission tomography (PET) imaging, and now used worldwide.

Approval of Minutes

Hodgin asked for corrections, additions, or deletions to the September 13, 2012 draft notes. Member Guthy said that on page 4, the statement that says information was mailed to the CAC has an incorrect date of October 19; it should be September 19.

Member Shea questioned the clarification to her comment from June on page 2 that reads "...regarding cesium-137, the Notes were changed to reflect that in regard to cesium-137, the area will be radioactive for about 300 years, rather than, cesium-137 will be radioactive for 300 years." She said her original statement was that cesium-137 will be radioactive for about 300 years. She thought that saying that the area will be radioactive for 300 years didn't include some of the other radionuclides that would make it radioactive a lot longer.

Hodgin suggested that the change be left because it accurately reflected the discussion as it occurred on that day and that Mary Joan's statement about other radionuclides tonight be captured as a comment. We are not correcting the past statements, we're adding a comment tonight.

Member Shea said her original comment only referred to cesium-137

The notes were approved as amended with none opposed and three abstentions.

4. Positive Emission Tomography (PET) Plants:– Ben Babst, Bioscience Department

Ben Babst, Goldhaber Postdoctoral Fellow, gave a presentation on imaging the natural processes for renewable energy from plants. He spoke about bioenergy, PET tools and imaging, plant resource movement, and plant signaling. He talked about energy in ecosystems, the fossil fuel dilemma, biomass, radiotracers in plant biology, carbohydrate transport, sugary stems in plants, and auxin transport. He said transport is important for plant quality and yield.

Member Blumer asked if invasive plants, such as phragmites, could be used instead of food crops.

Babst said we don't want to do anything to spread invasives and they would not be a viable source because they are so widely distributed.

5. Agenda Setting

Nora Detweiler said Erik Johnson from the NSLS-II will be giving the CAC a tour/presentation at the Light Source next month. Marty Fallier will also be there to talk about the LEED certifications. Then we will come back to Berkner Hall and Tim Green will present the Natural Resource Management Plan. We will have a year-end safety report by George Goode sometime in the near future. She also said there was an agenda setting exercise a while ago and one of the things on there was a request for a presentation on science and politics. She said Bill Bookless would be interested in giving a presentation on science policy, but she wanted to know what specific topics the CAC is interested in.

Member Blumer said setting policy, for example, with our alternative solar. This was not well discussed at all.

Member Giacomaro said he would like to see more discussion on wind power for Long Island.

Member Sprintzen said he is interested in a presentation on how a person can address science skepticism in a way that would not be considered science arrogance.

Member Chaudhry said why not bring back nuclear power. We are far behind other nations.

Member Kaplan said a discussion on how science policy affects what goes on at BNL and conversely to what extent does anything happening here at Brookhaven affect science policy.

Member Giacomaro said he would be interested in hearing if there have been any recent developments in nuclear energy.

Detweiler asked if he means the policy or the energy itself. We have researchers here who do research on improving nuclear power safety.

Member Giacomaro said improving the system could change the policy.

Member Heil suggested a presentation on science and education for the general public. How do we get people interested in science?

Member Shea said she would like a discussion on how Fukushima has affected the policies and health effects here at BNL. She suggested a panel discussion.

6. 2011 Annual Site Environmental Report – Robert Lee, Environmental Protection Division

Bob Lee described the purpose of the Annual Site Environmental Report. He spoke about the Environmental Management System ISO 14001, the Pollution Prevention Program (P2), waste generation, energy management and conservation. He gave an overview of the compliance status and spoke about inspections and assessments. He gave information on water quality monitoring and air quality monitoring, He said the radiological dose assessment for the maximum exposed individual was well below regulatory limits. Lee said the CAC will be given an update on groundwater in December and a presentation on natural resources next month by Tim Green.

Member Blumer asked if anyone has looked at the use of Styrofoam in the cafeteria and other options.

Lee said right now we are in a contract with a food service provider. When we update the contract we will try to get them to use more biodegradable products.

Member Sicignano asked when the update to the Sewage Treatment Plant will be completed.

Lee said by July 2014, maybe sooner if money is available.

7. Community Comment

There was no community comment.

8. Member Issue – number of seats a member can fill

The CAC agreed to move the discussion on CAC guidelines regarding the number of seats a member can fill to next month.

The meeting adjourned at 8:31 p.m.

Agenda Topics
February 10, 2011 Poll

Homeland Security – 9
Nanotechnology Developments & Standards – 7 (3/10/2011 - E. Mendez)
Science & Politics – 7
Overview of BNL Land Use Plan – 6
Sustainability – 6
Photovoltaics – 6 (3/10/2011 - E. Mendez and R. Lofaro)
PET/MRI Research – 6
LISE Tour Prior to Completion – 6 (11/18/11 – ribbon cutting)
Business/Lab Integration of New Technologies – 6 (4/14/11 – Walter Copan)
Nano Patterning – 5
Natural Resources Management Plan – 5 (12/8/11 – Tim Green)
Nuclear Non-Proliferation – 4 (3/8/12 – Carol Kessler)
Nuclear Safety – 4
Catalysis & Super Conducting Magnets – 3
Cosmology – 3
Accelerate Long Island (as information becomes available) - 3
Safety Progress – 2
CRADAS – 2
Radio Isotopes – 2
Nuclear Stewardship - 1
Technology Transfer – 0 (4/14/11 – W. Copan)

P = Present	2012	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July no mtg.	Aug no mtg.	Sep	Oct	Nov	Dec
		ABCO (Garber - 04/02)	Member	Don	Garber	P	P	P	P	P	P						
		ABCO (Madigan -10/10)	Alternate	Michael	Madigan	P		P	P	P					P		
		American Physical Society	Member	Margaret	Malloy	P	P	P			P			P			
		American Physical Society	Alternate														
		Brookhaven Retired Employees Association (Peskin - 09/09)	Member	Arnie	Peskin		P	P	P	P				P			
		Brookhaven Retired Employees Association (Franz - 12/09)	Alternate	Eena-Mai	Franz	P	P	P		P	P				P		
		Citizens Campaign for the Environment	Member	Adrienne	Esposito	P	P	P	P	P				P			
		Citizens Campaign for the Environment	Alternate														
		Colonial Woods Whispering Pines (Birben - 06/09)	Member	Christine	Birben	P	P	P	P	P	P			P			
		Colonial Woods Whispering Pines (Rehbein -11/10)	Alternate	Eric	Rehbein	P	P	P	P	P	P			P	P		
		Coram Civic Association (Ziems - 06/12)	Member	Paul	Ziems						P			P			
		Coram Civic Association (Meade – 06/12, Jim M 10/12)	Alternate	Jim	Meade												
		E. Yaphank Civic Association	Member	Michael	Giacomaro	P	P	P		P					P		
		E. Yaphank Civic Association (Feinman - 02/09)	Alternate	Bob	Feinman	P		P	P	P	P			P			
		Emeritus (changed 3/8/12)	Member	Jean	Mannhaupt												
		Friends of Brookhaven (Kaplan - 07/01)	Member	Ed	Kaplan			P						P	P		
		Friends of Brookhaven (Schwartz - 11/02)	Alternate	Steve	Schwartz	P				P							
		Huntington Breast Cancer Coalition	Member	Mary Joan	Shea	P				P	P			P	P		
		Huntington Breast Cancer Coalition	Alternate	Scott	Carlin												
		IBEW/Local 2230 (Krsnak 01/07)	Member	Scott	Krsnak	P	P		P	P					P		
		IBEW/Local 2230	Alternate														
		Individual (changed 3/12)	Member	Karen	Blumer	P		P		P					P		
		(added 6/12)	Alternate	Michael	Madigan						P			P			
		Individual – (changed 3/12)	Member	Greg	Bush	P		P									
			Alternate	Adam	Martin	P											
			Alternate	Bruce	Martin	P				P	P						
		Individual – (changed 3/12)	Member	Jane	Corrarino		P			P							
			Alternate														
		Individual – (changed 3/12)	Member	Iqbal	Chaudhry		P	P		P	P			P	P		
		L.I. Pine Barrens Society	Member	Richard	Amper												
		L.I. Pine Barrens Society (Murdocco - 04/11, deleted 6/12) (Muller added – 8/12)	Alternate	Alexandra	Muller	P	P	P						P	P		

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		L.I. Progressive Coalition	Member	David	Sprintzen	P	P	P	P	P			P	P		
		L.I. Progressive Coalition	Alternate													
		Lake Panamoka Civic Association (Biss - 04/02)	Member	Rita	Biss		P	P	P	P				P		
		Lake Panamoka Civic Association (Grandal - 10/10)	Alternate	Bonita	Grandal		P			P	P			P		
		Longwood Alliance	Member	Tom	Talbot			P	P	P	P			P	P	
		Longwood Alliance	Alternate	Kevin	Crowley											
		Longwood Central School Dist. (Castro -06/09)	Member	Maria	Castro		P									
		Longwood Central School Dist.	Alternate	Allan	Gerstenlauer											
		Mastic Park Civic Association (Sicignano – 6/12)	Member	John	Sicignano									P		
		Mastic Park Civic Association	Alternate	Clara	McManus					P			P			
		NSLS User	Member	Jean	Jordan-Sweet		P	P	P	P	P			P	P	
		NSLS User (Ravel -02/11)	Alternate	Bruce	Ravel	P		P		P	P			P		
		Ridge Civic Association	Member	Pat	Henagan		P	P	P		P			P	P	
		Ridge Civic Association	Alternate													
		Town of Brookhaven (Graves - 06/06)	Member	Anthony	Graves											
		Town of Brookhaven	Alternate													
		Town of Brookhaven, Senior Citizens Office	Member	James	Heil	P	P	P	P	P	P			P	P	
		Town of Brookhaven, Senior Citizens Office	Alternate													
		Town of Riverhead (Doroski - 04/11)	Member	Isidore	Doroski		P			P	P			P		
		Town of Riverhead (Hulme - 04/11)	Alternate	Suzanne	Hulme	P	P	P						P		
		Wading River Civic Association	Member	Helga	Guthy	P	P	P	P	P				P	P	
		Wading River Civic Association	Alternate	Sid	Bail					P						