

Final

NOTE: These minutes were compiled from notes taken at the meeting because the recording equipment, which is normally used to produce the notes, failed. The notes are abbreviated. If anyone would like items included that have not been captured, please let us know and the additions will be included in the Final copy. Unfortunately we did not capture all the requested changes to the June 14 minutes. Please come prepared to restate any changes you requested so that they can be incorporated before those minutes are finalized.

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Energy Efficiency and Renewable Biofuels in Heating Systems, Tom Butcher
5. Community Comment
6. CAC Membership and Agenda Discussion

1. Attendance

Members/Alternates Present:
See Attached Sheets.

Others Present:

P. Bond, T. Butcher, H. Carrano, J. D'Ascoli, K. Geiger, D. Gibbs, S. Johnson, M. Lynch, R. McKay, G. Penny

2. Correspondence and Handouts

Items one through four were mailed with a cover letter dated September 7, 2007. Items five and six were provided in the member's folders and item seven was available as a handout at the meeting.

1. A copy of the September 13 draft agenda
2. Draft notes for June 14, 2007
3. Final notes for May 10, 2007
4. Flip chart notes from August brainstorming session
5. Corrected copy of the September 13 draft agenda
6. Copy of the Renewable Biofuels presentation
7. Copies of various BNL press releases

3. Administrative

The meeting began at approximately 6:41 p.m. Joe Rubino took photos of the group at work. Jeanne D'Ascoli filled in for Reed Hodgkin, who had flown in to facilitate the meeting, but had become ill during the day. D'Ascoli reviewed the ground rules and the draft agenda. Those present introduced themselves.

D'Ascoli asked for corrections, additions or deletions to the June 14 draft notes. Member Mannhaupt asked that her name be corrected on page 5. The notes were approved with three abstentions.

L. Hill gave an update on the HFBR and BGRR. All of the comments from regulators regarding the HFBR have been resolved. He is waiting for final clearance from Washington to move forward with release of the FS and PRAP. Hill reported that a major milestone for the BGRR had been reached - bids are going out for graphite removal. The staff and building are being readied, and by this time next year, he expects to be well into graphite removal.

Member Esposito asked for clarification on the HFBR documents. L. Hill said the Feasibility Study (FS) and Proposed Remedial Action Plan (PRAP) were expected to be released this fall.

Member Giacomaro asked if they will be sharing the pictures that are taken of the graphite removal.

Member Chaudhry inquired if the bids go to pre-selected, pre-qualified bidders, and asked how many people will be bidding. L. Hill answered seven to ten.

Tim Green told the CAC that a prescribed burn will take place during the Fire Academy in October if the prescription for a safe burn is met. The burn will be in the northeast quadrant. This year, they will be able to do additional burns during the year as long as the strict limits of the prescription are met.

4. Energy Efficiency and Renewable Biofuels in Heating Systems, Tom Butcher

Tom Butcher gave a presentation on renewable biofuels. He began with an introduction to the Energy Resources Division. He explained that its mission is to conduct research and for the development, design, testing, demonstration, and deployment of energy technology for the production and use of fossil fuels and renewable energy. Its ultimate goal is to provide consumers with clean and affordable energy. Biodiesel is a renewable biofuel in stationary applications. Renewable diesel is an alternative fuel made from solid waste.

Biodiesel is a renewable energy resource which is made from vegetable oil and methanol with a byproduct of glycerin. Butcher compared the properties of typical fuel, No. 2 heating oil and biodiesel. He talked about the combustion of biodiesel and its source impacts (soy, canola, yellow grease, and lard). He spoke about materials testing and the sulfur impacts on particulate matter and on boiler fouling.

He explained the thermal conversion process (TCP) for converting organic waste into renewable diesel. The four steps of the TCP are preparation, separation, conversion, and collection. Waste sources come from agriculture, industrial, Municipal, and utility sources, as well as, from animal sources such as poultry, cattle, and hogs. The largest source of waste comes from agriculture, producing 6 billion tons or 4 billion barrels per year.

TCP fuel combustion tests are done in cooperation with KeySpan and jointly sponsored by KeySpan and NYSERDA. As a raw product (not refined) it is blended with residual oil for power plant applications. It has very good combustion performance, low emissions, good flame stability, low fouling rates on simulated high temperature superheated tubes.

Butcher spoke about trap grease as a potential project. Trap grease represents a large national resource. An estimated 3.8 billion pounds are produced annually in the U.S., which is equivalent to 495 million gallons of biodiesel with good yield. There is a study underway to characterize the resource that is co-funded by Changing World Technologies and NYSERDA.

Butcher listed some of the BNL biofuel projects which include: studies of burner performance and emissions, waste to liquid fuels for power generation with KeySpan, fuel property improvements, B-5 standards approval, storage and stability, alternative biofuels for residual oil, microturbine applications, and B-100 condensing boiler applications.

The CAC members were very interested in the presentation and asked many questions about such issues as funding, yellow grease, catalysts, if there are any detrimental aspects of biofuels, local suppliers, if there are heavy metals in the waste stream used, and if biofuel could be used as an accelerant.

5. Community Comment

There were no community comments.

J. D'Ascoli told the CAC about the tour of the CFN building and presentation on Nano being planned for the October meeting. She also said that an anniversary party/dinner was planned. The meeting will begin early, at 5:30 PM.

Member Mannhaupt suggested that a planning committee be formed for next year's 10th Anniversary. Members Sprintzen and Giacomaro volunteered to join her on the committee.

6. CAC Membership and Agenda Discussion

The discussion on membership was postponed.

The CAC discussed the brainstorming session held in August. Member Conklin explained that those present had talked about moving the time allowed for agenda setting to before the break. After some discussion, the CAC members present agreed with the idea of putting agenda setting in the middle of the agenda.

Prioritizing agenda topics was also addressed. Flip chart pages with the agenda topics compiled from meetings last spring and from the brainstorming session were placed across the front of Room B. CAC members were given eight stickers and asked to place them next to the agenda topics that they were most interested in. (The list of agenda topics was mailed to the members who were not present at the meeting for their input on prioritizing the topics. The sheet attached represents the meeting and mailed survey results.)

Another topic discussed at the brainstorming session was the possibility of the CAC receiving a tour of the Emergency Operations Center and a table top drill demonstration. Member Lynch described a table top drill that he was participating in on September 14 in Islip. Twelve (12) CAC members present at the brainstorming session indicated that they were interested in a tour and demonstration. A date is TBD.

Jeanne D'Ascoli said that she would like to resolve the issue of new agenda topics. She would like the CAC to provide a sense of how many members are interested in a topic prior to adding it to the list.

The meeting adjourned at 8:46 p.m.

Agenda Topics	Votes
Global Warming, Stony Brook, pine barrens	15
CAC as a conduit/resource to the community	13
*Emergency Operations Center tour and drill	12
Nano technology	11
CERN – problems and implications	11
Site Environment Report – good and bad	11
Nano safety	10
Regulator presentations on areas they oversee	10
Energy	9
Overview of programs	9
Deer Management	8
Anti-terrorism update	7
NSLS-II briefing	7
Nuclear power plant safety	6
Education Programs	6
Energy efficiencies	6
Sustainable transportation	4
Natural Resources management	4
Nano ES & H	3
Safety and Security	3
Experimental Review Process	3
Latest RHIC findings	2
How the Lab supports nuclear facilities in the N/E region	2
Status of P-2 road show	2
Heating plant and efficiency research	2
Lyme Disease	2
CAC process	2
Alternative fuels	2
Update on phyto/bacterial contamination remediation research	1
Deforestation	0
Work planning process	0

*includes votes from CAC meeting only

2007	Affiliation		First Name	Last Name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Chart Key - P = Present																
ABCO	(Garber added on 4/10/02)	Member	Don	Garber	P		P	P	P	P						
ABCO		Alternate	Doug	Dittko												
Brookhaven Retired Employees Association		Member	Graham	Campbell	P	P	P	P		P			P			
Brookhaven Retired Employees Association (L. Jacobson new alternate as of 4/99)(A. Peskin 5/04)		Alternate	Arnie	Peskin		P										
CHEC (Community Health & Environment Coalition (added 10/04)		Member	Sarah	Anker		P	P	P		P						
			Ann Marie	Reed												
Citizens Campaign for the Environment		Member	Adrienne	Esposito		P			P				P			
Citizens Campaign for the Environment (Ottney added 4/02-takenoff 1/05 Mahoney put on)(7/06 add Kasey Jacobs)		Alternate	Kasey	Jacobs	P		P			P						
E. Yaphank Civic Association		Member	Michael	Giacomaro	P	P	P	P	P	P			P			
E. Yaphank Civic Association (J. Minasi new alternate as of 3/99) (M. Triber 11/05) (Munson 6/06)		Alternate	Brian	Munson												
Educator (changed 7/2006)		Member	Adam	Martin	P											
Educator (B. Martin - 9/01)		Alternate	Bruce	Martin					P	P						
Educator (A. Martin new alternate 2/00) (Adam to college 8/01)(add. alternate 9/02) (changed 7/2006)		Alternate	Audrey	Capozzi												
Environmental Economic Roundtable (Berger resigned, Proios became member 1/01)		Member	George	Proios	P	P	P		P							
Environmental Economic Roundtable (3/99, L. Snead changed to be alternate for EDF)		Alternate	None	None												
Fire Rescue and Emergency Services		Member	Joe	Williams												
Fire Rescue and Emergency Services		Alternate	Don	Lynch	P	P	P	P	P				P			
Fire Rescue and Emergency Services		Alternate	James	McLoughlin												
Friends of Brookhaven (E.Kaplan changed to become member 7/1/01)		Member	Ed	Kaplan			P	P								
Friends of Brookhaven (E.Kaplan changed to become member 7/1/01)(Schwartz added 11/18/02)		Alternate	Steve	Schwartz			P			P						
Health Care		Member	Jane	Corrarino			P			P						
Health Care		Alternate														
Huntington Breast Cancer Coalition		Member	Mary Joan	Shea	P	P	P	P		P			P			
Huntington Breast Cancer Coalition		Alternate	Scott	Carlin												
Intl. Brotherhood of Electrical Workers/Local 2230 (S.Krsnak replaced M. Walker 1/11/07)		Member	Scott	Krsnak	P	P	P	P					P			
IBEW/Local 2230		Alternate	Philip	Pizzo												

2007	Affiliation		First Name	Last Name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	L.I. Pine Barrens Society	Member	Richard	Amper		P	P						P			
	L.I. Pine Barrens Society (added P. Loris 6/05)	Alternate	Elina	Alayeva	P	P		P		P						
	L.I. Pine Barrens Society	Alternate	Susie	Husted												
	L.I. Progressive Coalition	Member	David	Sprintzen	P	P	P	P	P	P			P			
	L.I. Progressive Coalition	Alternate	None	None												
	Lake Panamoka Civic Association (Biss as of 4/02)	Member	Rita	Biss	P	P			P	P						
	Lake Panamoka Civic Association (Rita Biss new alternate as of 3/99)	Alternate	Joe	Gibbons												
	Long Island Association (Groneman replace 10/05)(Deering replaces Hill 9/07)	Member	Michael	Deering												
	Long Island Association	Alternate	William	Evanzia	P				P							
	Longwood Alliance	Member	Tom	Talbot	P	P		P	P	P			P			
	Longwood Alliance	Alternate	Kevin	Crowley												
	Longwood Central School Dist. (switched 11/02)	Member	Barbara	Henigan	P		P		P	P						
	Longwood Central School Dist.	Alternate	Allan	Gerstenlauer												
	NEAR	Member	Jean	Mannhaupt		P			P	P			P			
	NEAR (prospect taken off ¾)(Blumer added 10/04	Alternate	Liz	Bowman												
	NSLS User	Member	Jean	Jordan-Sweet	P	P	P			P			P			
	NSLS User	Alternate	Peter	Stephens												
	Peconic River Sportsmen's Club (added 4/8/04)	Member	John	Hall		P	P	P	P				P			
	Peconic River Sportsmen's Club	Alternate	Jeff	Schneider												
	Ridge Civic Association	Member	Pat	Henagan	P	P		P	P	P			P			
	Science & Technology (added 1/13/05)	Member	Iqbal	Chaudhry	P		P			P			P			
	Town of Brookhaven (Graves made member 6/06)	Member	Anthony	Graves		P	P	P	P	P			P			
	Town of Brookhaven	Alternate	None	None												
	Town of Brookhaven, Senior Citizens	Member	James	Heil	P	P	P	P	P	P			P			
	Town of Brookhaven, Senior Citizens (open slot as of 4/99)	Alternate	None	None												
	Town of Riverhead	Member	Robert	Conklin	P	P	P	P	P	P			P			
	Town of Riverhead (K. Skinner alternate as of 4/99)	Alternate	Kim	Skinner												
	Wading River Civic Association	Member	Helga	Guthy	P		P		P				P			
	Wading River Civic Association	Alternate	Sid	Bail												