

**Community Advisory Council
January 13, 2011
Action Items/Notes**

Final

These notes are in the following order:

1. Attendance
2. Correspondence and Handouts
3. Administrative Items
4. Update on status of HFBR stack removal, John Sattler, DOE
5. Environmental Restoration Projects FY10 Performance, Charles Schaefer, ERP
6. Agenda Setting
7. Community Comment
8. Meeting the Challenge of Reducing Green House Gas Emissions in NYS – The NYS 80 X 50 Plan, J. Patrick Looney, Chair, Sustainable Energy Technologies

1. Attendance

Members/Alternates Present:
See Attached Sheets.

Others Present: M. Arens, S. Aronson, L. Bates, M. Bebon, S. Bogart, P. Bond, J. Carter, N. Detweiler, K. Geiger, M. Holland, S. Johnson, T. Jernigan, T. Kneitel, S. Kumar, P. Looney, M. Malloy, R. McKay, J. Sattler, C. Schaefer, D. Shea

2. Correspondence and Handouts

Items numbered one and two were mailed with a cover letter dated January 6, 2011. Items numbered three through five were available as handouts at the meeting.

1. Draft agenda for January 13, 2011
2. Draft notes for December 9, 2010
3. Copy of presentation on Environmental Restoration Projects FY10 Performance
4. Copy of email dated January 13, 2011 from Tom Talbot re: Margaret Malloy's CAC membership
5. Science Café Book talk and discussion information

3. Administrative Items

The meeting began at 6:35 p.m. Reed Hodgins, facilitator, reviewed the ground rules and the agenda. Those in attendance introduced themselves.

Approval of Minutes

Quorum was not met, so there was no approval of minutes.

4. Update on status of HFBR stack removal, John Sattler, DOE

John Sattler, Department of Energy Federal Project Director - Office of Environmental Management, told the CAC that a decision was made to stop work on the HFBR stack removal project. He said that the contractor has been instructed to demobilize, but the work is still

expected to be completed this fiscal year. BSA is going to self-perform the decommissioning of the silencer inside the stack, which is where the bulk of the contamination is located.

Member Sprintzen asked why this is being done and if the contractor will come back in the spring.

Sattler said the project has been delayed, which increases cost, so a decision was made to stop and move forward with the self-performance of the silencer. As the work began, it was discovered that the design of the structure was different than originally believed. It has been his experience working on decommissioning projects on DOE sites, that it is not uncommon to find out that real conditions are different from the design. The weather and safety concerns were also factors in delaying the project. It is not known at this time whether or not the contractor will be asked to come back.

Member Corarrino asked if this project is solely funded by ARRA dollars, if that money can be rolled over into next year, and when a decision will be made.

Sattler said yes, it is ARRA funding; however, we should still have the money to complete it this year. It can be rolled over if necessary. A decision should be made in the next month or two.

Member Heil asked how big the silencer project is and if robots will be used.

Tom Jernigan, Director, Environmental Restoration Projects, said there are 32 - 10' X 20' panels inside the concrete structure. The work will all be done inside a containment structure, so it will not be necessary to use robots.

Reed asked the CAC if they would like to continue to receive updates on the status of this project.

The CAC said they would.

5. Environmental Restoration Projects FY10 Performance, Charles Schaefer, ERP

Charles Schaefer explained the Environmental Restoration Projects' annual planning process and FY10 objectives and targets. He spoke about environmental performance, pollution prevention and safety performance. He said that the BGRR Graphite Pile has been removed, the HFBR stabilized, and the Bldg. 704 fan house has been demolished. He also said that there have been zero OSHA lost work day cases, no radiological events, and Pollution Prevention initiatives have been achieved. He said that there were more than usual reportable spills in FY10 because of the use of outdoor heavy equipment onsite. He said they were all small spills of less than one gallon each. All spills of a petroleum product or a hazardous material to the soil or the environment must be reported. He said there were two reportable ORPS (Occurrence Reporting and Processing System) events, neither one resulting in injury. He then gave the CAC a look ahead to FY11 goals and objectives.

Member Graves asked if vegetable oil is used in a hydraulic line and there is a spill, is that reportable?

Schaefer said he didn't think so, but will find out and get back to him.

ACTION ITEM: Find out if a vegetable oil spill from a hydraulic line is reportable.

6. Agenda Setting

Nora Detweiler, liaison to the CAC, said next month Sam Aronson, Lab Director, will give a

presentation on the Lab's 10-year strategic plan. The presentation on the Environmental Assessment for the modifications to the STP discharge will be either next month or the following month. She apologized that the scheduled tours of the Peconic River were cancelled due to the weather. She also said there will be an agenda setting exercise next month and asked everyone to write their topics on the flip charts at the front of the room. A list will be compiled and sent out to all members and that it will be prioritized at next month's meeting.

7. Community Comment

Margaret Malloy's request for memberships was postponed until next month due to the fact that quorum was not met.

There was no community comment.

8. Meeting the Challenge of Reducing Greenhouse Gas Emissions in NYS – The NYS 80 By 50 Plan, J. Patrick Looney, Chair, Sustainable Energy Technologies, BNL

Pat Looney discussed sustainable energy research at BNL, climate change and energy, and the New York State Climate Action Plan and BNL's role. He explained Brookhaven's Energy Research Plan and said that Sustainable Energy Technologies is a new department at the Lab that has been in existence since October 1, 2010. He said the strategic focus is in making the transition from the discovery to deployment. Our mission is to identify and overcome barriers, whether they are scientific, technical or policy related to the adoption and deployment of sustainable energy technologies. We are also interested in conceptualizing and developing new approaches and solutions for Brookhaven discoveries. We hope to partner with other organizations across the Laboratory, New York State, and the Country. He said that BNL's energy vision is for the effective use of renewable energy through approved conversion, transmission, and storage.

Member Heil asked for a definition of sustainable.

Looney said his definition is; "Do not limit the options of future generations". He explained the NYS Climate Action Plan. In 2009, Governor Paterson signed an Executive Order asking the State to reduce greenhouse gas emissions from all sources within the state to a level 80% below the 1990 level by the year 2050. This is called the NYS 80 by 50 Plan. Brookhaven contributed one chapter to the plan which is available in draft form on the web at <http://www.nyclimatechange.us/>. The 1990 level for CO₂ emissions was 277 million metric tons. The goal is 55 million metric tons by the year 2050. The United States is a leader on environmental policy and New York State is always out in front.

Member Sprintzen raised a question about whether the 80 by 50 plan assumed current rates of growth in energy demand and questioned the extent to which such an assumption biased the presentation of the alternative scenarios.

Member Graves asked how that goal was developed.

Looney said it is thought that it will help stabilize the temperature. He spoke about global warming, climate change, U.S. energy use, world-wide energy demand, and New York State's carbon footprint. He also discussed what it will take to meet the challenge.

Member Esposito said good science is the foundation for good policy. She said she would hope this work can be incorporated into the states' planning process.

Member Heil asked how big this new department at BNL is and what it consists of.

Sam Aronson, Lab Director, said this is a good lead into next month's presentation on the Lab's strategic vision. We hope to expand our impact through deployment.

Looney asked anyone with additional questions to email him directly.

ACTION ITEM – Send copies of the presentation to CAC members

The meeting adjourned at 8:59 p.m.

Agenda Topics Written on Flip Chart

Science & Politics > New Policy
Overview of BNL Land Use Plan
Nanotechnology Developments and Standards

P = Present	2011	Affiliation		First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		ABCO (Garber added on 4/10/02)	Member	Don	Garber												
		ABCO (Madigan added 10/10)	Alternate	Michael	Madigan	P											
		Brookhaven Retired Employees Association (Peskin replaced Campbell 09/09)	Member	Arnie	Peskin												
		Brookhaven Retired Employees Association (L. Jacobson new alternate as of 4/99)(A. Peskin 5/04)(Franz 12/09)	Alternate	Eena-Mai	Franz	P											
		CHEC (Community Health & Environment Coalition (added 10/04)	Member	Sarah	Anker												
		(added 12/08) (R. Andrejkovics removed 9/09)	Alternate														
		Citizens Campaign for the Environment	Member	Adrienne	Esposito	P											
		Citizens Campaign for the Environment (Ottney added 4/02-taken off 1/05 Mahoney put on)(7/06 add Kasey Jacobs)(K. Jacobs off 1/08)	Alternate														
		Colonial Woods Whispering Pines (added 06/09)	Member	Christine	Birben	P											
		Colonial Woods Whispering Pines (added 09/09)(Rehbein added 11/10)	Alternate	Eric	Rehbein	P											
		E. Yaphank Civic Association	Member	Michael	Giacomaro												
		E. Yaphank Civic Association (J. Minasi new alternate as of 3/99) (M. Triber 11/05) (Munson 6/06) (Feinman 2/09)	Alternate	Bob	Feinman	P											
		Educator (changed 7/2006)(Bush member 5/10)	Member	Greg	Bush												
		Educator (B. Martin - 9/01)	Alternate	Bruce	Martin												
		Educator (A. Martin new alternate 2/00) (Adam to college 8/01)(add. alternate 9/02) (changed 7/2006)(Bush 5/09)	Alternate	Adam	Martin												
		Fire Rescue and Emergency Services	Member	Joe	Williams												
		Fire Rescue and Emergency Services	Alternate	Don	Lynch												
		Fire Rescue and Emergency Services	Alternate	James	McLoughlin												
		Friends of Brookhaven (E.Kaplan changed to become member 7/1/01)	Member	Ed	Kaplan												
		Friends of Brookhaven (E.Kaplan changed to become member 7/1/01)(Schwartz added 11/18/02)	Alternate	Steve	Schwartz												
		Health Care	Member	Jane	Corrarino	P											
		Health Care	Alternate														
		Huntington Breast Cancer Coalition	Member	Mary Joan	Shea	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 = Present	2011	Affiliation	First Name	Last Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
		IBEW/Local 2230 (off mailing list 8/2009)	Alternate	Philip	Pizzo											
		L.I. Pine Barrens Society	Member	Richard	Amper											
		L.I. Pine Barrens Society (added P. Loris 6/05)(Alayeva off 6/08) (Itriyeva 02/09) (Motschenbacher 6/09)	Alternate	Beth	Motschenbacher	P										
		L.I. Progressive Coalition	Member	David	Sprintzen	P										
		L.I. Progressive Coalition	Alternate	None	None											
		Lake Panamoka Civic Association (Biss as of 4/02)	Member	Rita	Biss	P										
		Lake Panamoka Civic Association (Rita Biss new alternate as of 3/99) (Gibbons off 1/10)(Grandel added 10/10)	Alternate	Bonita	Grandel	P										
		Long Island Association (Groneman replace 10/05)	Member													
		Long Island Association	Alternate	William	Evanzia											
		Longwood Alliance	Member	Tom	Talbot											
		Longwood Alliance	Alternate	Kevin	Crowley											
		Longwood Central School Dist. (switched 11/02)(Castro replaced Henigin 6/09)	Member	Maria	Castro	P										
		Longwood Central School Dist.	Alternate	Allan	Gerstenlauer											
		NEAR	Member	Jean	Mannhaupt											
		NEAR (prospect taken off ¾) (Blumer added 10/04)	Alternate	Karen	Blumer											
		NSLS User	Member	Jean	Jordan-Sweet											
		NSLS User (P. Stephens removed after contact regarding new address failed (mail returned 5/2010)	Alternate													
		Ridge Civic Association	Member	Pat	Henagan											
		Science & Technology (added 1/13/05)	Member	Iqbal	Chaudhry											
		Town of Brookhaven (Graves made member 6/06)	Member	Anthony	Graves	P										
		Town of Brookhaven (Ormond 9/10)	Alternate	Luke	Ormand											
		Town of Brookhaven, Senior Citizens	Member	James	Heil	P										
		Town of Brookhaven, Senior Citizens (open slot as of 4/99)	Alternate													
		Town of Riverhead	Member													
		Town of Riverhead (K. Skinner alternate as of 4/99; removed 8/2009 after failure of request to respond)	Alternate													
		Wading River Civic Association	Member	Helga	Guthy											
		Wading River Civic Association	Alternate	Sid	Bail											