

NEW JERSEY CLEAN AIR COUNCIL

Clean Air Council Members

James Blando, Ph.D., Chairman
Leonard Bielory, M.D., Vice Chairman
Ferdows Ali, Ph.D.
Jorge H. Berkowitz, Ph.D.
Joseph Constance
Michael Egenton
John Elston
Elease Evans
Manuel Fuentes-Cotto
Toby Hanna, P.E.
Richard M. Lynch, Ph.D.
John Maxwell
Pam Mount

Draft Approved: 10/10/07

Clean Air Council Members

Joyce Paul
Joseph Spatola, Ph.D.
Kenneth Thoman
Junfeng (Jim) Zhang, Ph.D.
Irwin Zonis

Clean Air Council Liaison

Sonia Evans, CAC Liaison
Telephone 609-633-2007
Fax 609-984-6369
cac@dep.state.nj.us
CAC Web Site
<http://www.state.nj.us/dep/cleanair>

NJ CLEAN AIR COUNCIL MEETING RECORD

September 12, 2007, 9:30 a.m.
PSEG Mercer Generating Station
off Rt.195 at Duck Island
Hamilton, NJ

CALL TO ORDER: James Blando opened the meeting.

COUNCIL MEMBERS PRESENT: All of the Council members were present with the changes noted below. (See **Attachment 1 – Attendance Sheet**)

EXCUSED: Jorge Berkowitz, Leonard Bielory, Elease Evans

REPRESENTATIVE: Doug Lafayette for Michael Egenton

SPEAKERS: Bill O’Sullivan, Director, Division of Air Quality; Bob VanFossan, Assistant Director, Emergency Planning and Response Element; Iclal Atay, Chief, Bureau of Release Prevention, NJDEP; Richard P. Lopriore, President-Fossil; Mike Polachek Mercer Generating Station, PSEG

VISITORS: Kelly Moretta, Schering-Plough Corp.; Dennis Poole, NJ Environmental Lobby; Nancy Wittenberg and John Jenks, NJDEP

Meeting Record

Roll call was taken. Chairman called for motion to approve the July minutes. Irwin Zonis made the motion to accept July minutes as submitted. Ken Thoman seconded the motion. The July minutes were approved by a unanimous vote.

Overview of PSEG Fossil

Presented by Richard P. Lopriore, President-Fossil, PSEG;

- Mr. Lopriore: Welcomed the CAC to the Mercer Generating Station; PSEG goals: operate ultimate fossil plant in the USA; substantial investment to insure lowest

impact on environment; safety first, quality, error-free human performance; predictability and reliability.

Overview of PSEG Mercer Generating Station

Mike Polachek, Mercer Generating Station:

- Detailed the operations of the Mercer Generating Plant and its current construction project.

Administrative Report

Presented by Bill O'Sullivan, Director, Division of Air Quality:

1. National Ambient Air Quality Standards (NAAQS)--The USEPA held a hearing on its proposed rule on the NAAQS for Ozone on August 30, 2007 in Philadelphia. Nancy Wittenberg, Assistant Commissioner, Environmental Regulation, NJDEP, testified at the hearing in support of the USEPA Science Advisory Board's Clean Air Scientific Advisory Committee's (CASAC) three recommendations: 1) that the primary ozone standard be changed to one that is in the range of .060 to 0.70 ppm; 2) to establish a secondary standard that is different than the primary standard; and 3) that a strong, scientifically based framework is crucial to set the bar for reducing ozone levels nationally. The CAC was invited to submit comments by the October 9, 2007 deadline.
2. Reactivity Standards--On July 16, 2007, the USEPA proposed a rule to establish National Volatile Organic Compound (VOC) Emission Standards for Aerosol Coatings. This proposed rulemaking includes the first ever-nationwide reactivity-based standard for VOCs. Concerns expressed by the Ozone Transport Commission include: overall impact on ozone formation, particularly downwind of originating sources; increases in fine particles and toxic emissions; and significant changes to the overall infrastructure used by state planning and permitting agencies.
3. NJ Ozone State Implementation Plan (SIP)--The NJDEP held a public hearing on August 1, 2007 on its proposed 8-hour ozone attainment demonstration SIP. Staff is summarizing the comments.
4. Low Emission Vehicle (LEV) Program Approval--The USEPA published its approval of New Jersey's SIP revision for the LEV program in the August 27, 2007 Federal Register (72 FR 48936). USEPA took no action on the Zero Emission Vehicle and Greenhouse Gas emission standard components of the program, but agreed to approve the Zero Emission Vehicle (ZEV) program through model year 2011, and will publish a proposal this month. The California program has been approved through model year 2011. The USEPA deferred consideration of the greenhouse gas emission standard portion of the program pending the USEPA's decision on approval of California's waiver request for the greenhouse gas standards. The USEPA's decision on California's waiver request is expected before the end of 2007.
5. Ozone Monitoring Update--Zero monitoring sites exceeded the old 1-hour standard this year for ozone levels. To date, 24 exceedances were recorded for the 8-hour average ozone standard in 2007. There were 20 in 2006.
6. Nuclear Power Plant Capacity Increase--On August 7, 2007, NJDEP issued the final permit for significant modification to the approved Air Pollution Control Title V Permit for Hope Creek Generating Station. The permit addressed particulate emissions from the cooling tower. The revised air permit is necessary to increase the electric generating capacity of existing Hope Creek nuclear power station by 130

megawatts. The NJDEP will submit the permit approval to USEPA as a single source SIP revision for inclusion into New Jersey's SIP.

7. Sludge Incinerator Improvements Approved--The NJDEP Operating Permit Program granted preconstruction approval to the Stony Brook Regional Sewerage Authority for its Princeton Plant Rehabilitation Project to add State-of-the-Art (SOTA) energy efficient emission controls to the sludge incinerators. Heat exchangers and a wet electrostatic precipitator will reduce fuel costs and decrease particulate emissions.
8. Diesel Health Studies--Three recent health studies reinforce that diesel emissions are harmful to your health:
 - 1) University of California Los Angeles (UCLA)--people who have high cholesterol are more prone to heart disease when they are exposed to diesel exhaust;
 - 2) New England Journal of Medicine--long-term exposure to soot poses an increased risk of heart disease in older women;
 - 3) German study--people living within 164 feet of a busy road are 63% more likely to have clogged arteries.
9. Diesel Program Initiatives--Retrofit program rules have been adopted; tighter idling standards were adopted earlier this year; tighter smoke standards will be proposed by the end of 2007; revised Inspection and Maintenance (I&M) rules are being developed to require I&M for medium duty diesel vehicles.

Overview of Emergency Response Program

Presented by Bob VanFossan, Assistant Director, Emergency Planning and Response Element: (Presentation on file)

- Mission statement; role of emergency response; goals of emergency response; scope of the challenge; emergency response coordination; questions and issues.

Overview of Release Prevention Programs

Presented by Iclal Atay, Chief, Bureau of Release Prevention: (Presentation on file)

- Discharge Prevention, Containment and Countermeasure and Discharge Cleanup and Removal Program: Background of petroleum and other hazardous substances; regulated substances; regulated facilities; plans; discharge reporting requirements; data collection; trends and volume of leaks/discharges of discharged substances.
- Toxic Catastrophe Prevention Act (TCPA) Program: regulatory history; who and what is subject to and covered by TCPA; risk management program and plan elements and contents; reporting requirements.

NEW BUSINESS/OLD BUSINESS

- Chairman called for motion to adjourn the meeting. Ferdows Ali made the motion, seconded by Richard Lynch. The meeting was adjourned at 12:19 p.m.
- Chairman to draft general supporting document for USEPA's proposed ozone standards by October 8.
- 2008 hearing: April 9, 2008 date confirmed; After discussion about suggested topics, the chairman called for a motion to accept a topic: "Emissions from shipping and transportation at ports." Ken Thoman made the motion seconded by John Elston. The topic was accepted by a unanimous vote. Chairman will appointment sub-committee hearing chair and members at October 10 meeting.
- Nomination and Election of Officers—Nominating Committee re-nominated James Blando and Leonard Bielory to serve a second term as chairman and vice-chairman,

respectively. Irwin Zonis motioned to accept the nominations, seconded by Richard Lynch. Chairman asked for any nominations from the floor. None were made. Chairman called for a vote. By a unanimous vote, James Blando and Leonard Bielory were re-elected to serve a second term as chairman and vice-chairman. James Blando accepted the nomination. Dr. Bielory was excused from the meeting and will be contacted about his nomination.

ARTICLES OF INTEREST

- News Clips

NEXT MEETING

October 10, 2007, 9:30 a.m., Schering-Plough, 556 Morris Avenue, 2nd Floor
Conference Room S-12-2A, Summit, New Jersey 07901