



## RECAP OF THE JULY 15, 2016 STATE EMERGENCY RESPONSE COMMISSION MEETING

The July 15, 2016 SERC meeting was held at the DoubleTree by Hilton Hotel St. Augustine. The Recap summarized below was enhanced by discussions/dialogues which ensued at the April 7<sup>th</sup> meetings of SERC's Training Task Force and the LEPC Staff & Chairs. The SERC meeting was chaired by FDEM Deputy Director Jonathan Lord. The meeting was called to order at 10:00 a.m. and proceeded with the Pledge of Allegiance and a roll call of SERC members.

### APPROVAL OF MINUTES

The April 8, 2016 SERC meeting *Minutes* were approved unanimously upon voice vote.

### MEMBER MOMENT

The SERC recently initiated a new Agenda item to be instituted at each SERC meeting whereby one SERC member provides a self-identified description of themselves on both a personal and professional level. This quarter's member was Mr. Mark Tumlin, Office Manager of Enercon Services, Inc. in Tampa. While Mr. Tumlin changed employers after 24 years with his previous firm, he has continued to represent the Agriculture Industry on the SERC since his appointment by (then) Governor Jeb Bush in 2000. Prior to that appointment, Mr. Tumlin's family settled in the Brandon area in 1975. He completed his undergraduate studies in 1988 at the University of Florida, College of Agriculture prior to embarking on his career. He has many friends and family members, both past and present, in the agriculture industry.

### NEW BUSINESS

- **LOCAL EMERGENCY PLANNING COMMITTEES APPOINTMENTS** - Meeting Chair Jonathan Lord requested approval of membership modifications recognized for each LEPC. SERC unanimously approved all changes requested by each of the LEPC Districts upon voice vote. The membership changes for the Tampa Bay LEPC approved during the quarter were the designation of Primary/Alternate for the United States Coast Guard (*Brittany Poley/Paul Simpson*), the Pinellas Park Fire Department (*Brett Schlatterer/Richard Ganci*), the Southwest Florida Water Management District (*Diana Koontz/Jason Hopp*), Brenntag Mid-South (*Todd Dial/Peter Vermeulen*) as well as a new Alternate designee for the Florida Department of Transportation/District 7 (*Paul Keller*). Inclusive of these referenced membership modifications, all present Tampa Bay LEPC members were re-certified for additional two-year terms.

### REPORTS

- **SERC TRAINING TASK FORCE REPORT** - The following highlights of the July 14<sup>th</sup> TTF meeting were identified by the TTF Chair (Capt. Joe Nelson):
  - **Hazmat Field Operations Guide (FOG) Update.** Capt. Nelson identified that all sections of the Hazmat FOG have now been updated. According to Matt Marshall the revisions "were only minor modifications to existing guidelines" However, further updates may be additionally appropriate to

address such things as “an active shooter scenario.” Mr. Paul Wotherspoon (FDEM) suggested that these updates should and will be brought forward for SERC consideration and approval in association with their October 2016 meeting. John Kohnke (Florida State Fire College) reminded members to “be cautious to avoid conflict(s) between SERC’s FOG (Hazardous Materials) and the Domestic Security Oversight Council’s FOG,” which has a heavy emphasis on the law enforcement component.

- **Standardization of Hazmat Team Trailers/Training Props.** Capt. Nelson identified that an assessment of the trailers (by size, cost and features) and Chlorine training props (by type and cost) has now been completed by the LEPCs throughout the State that have already acquired these resources. The goal is to provide similar resources to assist in future training to be made available across the entire State. Any/all such resources should be considered “regional assets” to be shared across the LEPC District. *The Tampa Bay LEPC District has already acquired a 5'W X 8'L X 6.5'H trailer to store the jointly-acquired Chlorine Rail Car/Tank Truck Training Dome, the Chlorine One Ton Training End with Wheels; and the Chlorine Cylinder. Tampa Bay LEPC staff is currently proposed the acquisition of additional props with remaining FY2015-16 HMEP funding allocations of our District (i.e. Chlorine Institute A-, B- & C-Kits, Universal Hazmat Kits A & E; Internal Pipe Plugging Kit C1; External Pipe Patching Kit C2; Hazmat Plug & Patch Kit D; Aluminum Dome Clamps). LEPC staff is currently awaiting concurrence for use of HMEP funds prior to acquiring these additional props.*
- **Operation Integration.** Exercise by National Guard in conjunction with Palm Beach County Fire Rescue and other participating agencies on August 31 - September 1, 2016. The exercise scenario will include a maritime hazmat incident and will require a lot of search and rescue operations. The hazardous materials component will essentially be limited to decon functions. Mr. Scott Chappell (Florida State Fire College) identified that there is a current funding dilemma in being able to link the exercise costs/expenses between the National Guard and Palm Beach County. Exercise participants will be issued “day passes” at the Port. Volunteers to observe included Jeff Patterson (Hillsborough County Fire Rescue), John Scott (Jacksonville Fire Rescue), Matt Marshall (Cape Coral Fire Department/Florida Association of Hazmat Responders). *Subsequent to the SERC meetings, Mr. Chappell sent out an e-mail indicating that “the Palm Beach County portion of Operation Integration VIII has been canceled. This year's exercise will be at Camp Blanding. They are working on the plan now, but the maritime and haz mat portions of this exercise will not overlap.”*
- **Liquid Natural Gas (LNG) Pilot Training Program.** Mr. Paul Wotherspoon indicated that acknowledged that two six-hour LNG training courses were recently conducted in south Florida due to the large LNG presence in the area. The courses were well received and the evaluations were positive. While the courses were geared towards the “Awareness: level, several attendees requested more advanced LNG training. Similar training courses are currently being scheduled in Martin County and Jacksonville. No discussion of Tampa area. Ships and Rail are slowly converting to the use of LNG in lieu of diesel. Conversion is expensive but operational costs are cheaper. First Port LNG dispensing capabilities to be built off a berth in the Port of Jacksonville. Hopefully, “operations” level courses will be made available by the end of Summer.

Chief Murphy asked for financial assistance associated with producing a LNG Hazmat video, perhaps in lieu of holding many local courses. Mr. David Mica (SERC Member/Petroleum Industry) indicated that he believes the Petroleum Industry would be very interested in supporting this initiative. Mr. Wotherspoon affirmed that the American Petroleum Institute (API) is also interested in assisting. Mr. Mica suggested working directly through him.

- **2017 Hazmat Symposium Update.** Chief Jonathan Lamm (Cocoa Beach Fire Department) mentioned that the Florida Fire Chiefs Association (FFCA) needs to make several decisions in the near future on the Hazmat Symposium including registration costs... More details to be provided once those decisions have been made.

Chief Mike Murphy added that there is a temporary concern about the number of rooms needed for Fire Rescue East (~300) and the increased popularity and lodging needs associated with the concurrent Hazmat Symposium.

- **Ethanol Training.** Scott Chappell indicated that Ethanol training will be available in the State of Florida. The Florida State Fire College is offering a course around October 13<sup>th</sup> at their facility. “Missy Ruff” will be the main point of contact for the official training. “Localized” ethanol training can be made available upon request.
- **FDOH Program Update.** Sitting in for Bobby Bailey, Ms. Emily Wilson indicated that the Governor has declared a state of Emergency for several Counties due to Zika. Many agencies and departments are communicating to ensure coordinated actions. Lots of outreach for mosquito control presently exists. FDOH is working with the Department of Agriculture to trap mosquitos for testing in various areas in Florida although not much coordination exists with other States.
- **FDEP Program Update.** Mr. John Johnson identified that a survey was sent to County Emergency Managers and Fire Chiefs to assess their local hazmat capabilities. The vast majority of responses indicated very few (if any) capabilities. FDEP anticipates providing same responsibilities as it has in the past but with fewer staff. Mr. Domenic Leto Barone identified that there was a recent policy change at the Department whereby employee vehicles must stay at the office when not in official use. This will lead to increased response times. Last year, Tampa OER responded to 620 incidents of varying magnitudes, locations and times of the day.

- **Hazards Analysis Working Group Report.** Mr. Dwayne Mundy identified that the Hazards Analysis Working Group hosted two conference calls since the last SERC meeting. The mission of the Subcommittee is to provide suggested refinements to the Hazards Analysis Scope of Work and/or process. Some of the topics discussed were:

- Indicated that a Hazards Analyses training session will be held on August 2<sup>nd</sup> in Sarasota for those responsible for conducting Hazards Analyses;
- Data management initiatives;
- Recently-completed task of assigning unique SERC numbers to all facility records;
- All HA Contracts are now out with no reported issues;
- Need to continue to perform data checking of E-Plan since ~25% of all facilities erroneously declared themselves to be “Section 302 facilities”;
- Currently assessing (or evaluating) “how we can make the Hazards Analyses data more useful?”; and
- While submittal of Site Plans within E-Plan shall remain optional, three additional, optional “Yes/No” questions will be posed within E-Plan
  - Does your facility have a written emergency response plan?
  - Does your facility have a hazardous materials response team?
  - Does your local fire department have a CURRENT pre-plan for your facility?

- **Financial Status Report.** As informational, Mr. Paul Wotherspoon indicated that the SERC Agenda materials contained numerous tables and graphs depicting program revenues over the past three years and expenditures over the past two years. Revenues have remained relatively constant. This year, facilities can pay all Tier II, RMP & TRI fees online. Last year, more than 11,000 statewide facilities made their EPCRA/Tier II payments online. Expenditures are associated with Hazardous Materials Planning and RMP Programs. The programs annually combine for nearly \$2.5M in revenue. The larger expenditures include: FDEM staff, LEPC Contracts, HMEP program and the HA Program... The following reports were included as part of the Agenda materials:

- Monthly RMP & EPCRA program revenue allocations since mid-FY 2013-14; and
- Breakdown of General Appropriations and Expenditures by Category for the Hazardous Materials Planning Program and the Risk Management Program during FY 2014-15 and 2015-16 (through May 31, 2016).

- **Hazardous Materials Incidents Reports.** As informational, Mr. Paul Wotherspoon indicated that detailed listings of Section 304 investigations, fixed facility and transportation-related hazardous materials incidents were prepared and included with the Agenda materials to describe incidents occurring between the period of March 1 - May 31, 2016. Such Reports included documentation of these incidents and portrayed the number of persons evacuated, injured or deceased down to LEPC District and ultimately County levels. These are all incidents reported to the State Watch Office and are broken down into different categories. This data can be manipulated in any form or fashion.

The following constitutes a consolidation of data associated with “*Transportation Incidents with Evacuations, Injuries and Deaths; Hazardous Materials Incidents with Evacuations, Injuries and Deaths [at fixed facilities]; and Potential Section 304 Investigations*”:

| County       | Date Released | Type | Chemical                            | Amount Released (Lbs.) | Business Type                   | # Evacuated | # Injured | # Fatalities |
|--------------|---------------|------|-------------------------------------|------------------------|---------------------------------|-------------|-----------|--------------|
| Citrus       | NONE          |      |                                     |                        |                                 |             |           |              |
| Hernando     | 3/20/16       | TR   | Propane                             | Unknown                | Pipeline/Underground Tank       | 8           | 0         | 0            |
| Hillsborough | 3/08/16       | TR   | Natural Gas                         | Unknown                | Pipeline/Construction: Drilling | 1           | 0         | 0            |
|              | 3/25/16       | 304  | Anti-Freeze (Ethylene Glycol)       | Unknown                | Auto Repair/Retail Sales        | N/A         | N/A       | N/A          |
|              | 4/07/16       | 304  | Molten Sulfur                       | 690                    | Transportation                  | N/A         | N/A       | N/A          |
|              | 4/19/16       | TR   | Natural Gas                         | Unknown                | Pipeline                        | 1           | 0         | 0            |
| Manatee      | 3/12/16       | 304  | Gasoline                            | Unknown                | Traffic Accident/State Park     | N/A         | N/A       | N/A          |
|              | 5/20/16       | 304  | un290313 - dichloropropene (Telone) | 228                    | Railroad                        | N/A         | N/A       | N/A          |
| Pasco        | 4/14/16       | TR   | Diesel Fuel                         | 555                    | Traffic Accident                | 0           | 2         | 0            |

| County         | Date Released | Type | Chemical                              | Amount Released (Lbs.) | Business Type  | # Evacuated | # Injured | # Fatalities |
|----------------|---------------|------|---------------------------------------|------------------------|----------------|-------------|-----------|--------------|
| Pinellas       | 3/15/16       | FF   | Natural Gas                           | Unknown                | Restaurant     | 1           | 0         | 0            |
|                | 4/01/16       | 304  | Hydrochloric Acid (aka Muriatic Acid) | 1                      | Transportation | N/A         | N/A       | N/A          |
| <b>TOTAL →</b> |               |      |                                       |                        |                | <b>11</b>   | <b>2</b>  | <b>0</b>     |

KEY: FF = Fixed Facility incident / TR - Transportation-related incident / 304 - Section 304 Investigation Launched (Status)

Paul Wotherspoon acknowledged that the number of incidents appear to be going down but the cause for the reduction cannot be positively identified. Was it fewer people and commodities on the road and/or are officials doing a better job promoting safety? Also, numbers don't reveal the size of the incidents. The top three commodities in Florida involved in the incidents are sulfuric acid, ammonia & chlorine.

- **Update on FDEM Staff Activities and Reports by Section.** Mr. Wotherspoon indicated that various graphics were provided within the SERC Agenda materials to depict various staff functions and initiatives. These included:

- annual enumeration of statewide *Hazardous Materials Incident Reports* since 2002;
- breakdown of statewide *Hazardous Materials Incident Reports* by LEPC District and type from October 1, 2015 - May 31, 2016;
- monthly enumeration of Hazardous Materials Incident Reports from January 2006 to current;
- quantification of *E-Plan Filings* for 2015 by LEPC District (as of June 8, 2016);
- monthly quantification of Technical Assistance calls received from June 1, 2015 - May 31, 2016; and
- annual enumeration of Tier 2 Data in E-Plan since 2010 in terms of the # of statewide facilities and # of chemicals as of March 7, 2016. Reporting year 2015 Tier II data currently denotes 10,672 facilities in Florida with a total of 30,068 chemicals.

Mr. Wotherspoon advised SERC members that the State EOC was activated on two recent occasions. First was in association with the shootings in Orlando and the second was related to Tropical Storm Colin.

- **Update on LEPC Activities.** While Mr. Richard Delp did recognize that many of the topics addressed at today's SERC meeting were similarly addressed during yesterday's LEPC Staff & Chairs meeting, the following additional matters were discussed:

- **Occupational Safety and Health Administration (OSHA) Presentation.** Mr. Jeff Lincoln of OSHA provided a presentation at the LEPC Staff & Chairs meeting yesterday. The gist of the presentation was to foster relations with the Florida LEPCs and to solicit the identity of facilities potentially out of compliance before an accident occurs. Mr. Lincoln identified himself as a Compliance Officer and indicated that OSHA has three offices in Florida (Jacksonville, Tampa, and Ft. Lauderdale). Their main mission is to ensure employee safety. Last year, OSHA rendered an interpretation that if 1% (or more) of chemical is present in a mixture, that particular volume weights

of that chemical needs to be considered when determining whether it exceeds the reporting threshold. Additionally, the chemicals do not need to be present in one storage tank when assessing threshold applicability since calculations are supposed to be cumulative. While OSHA has over facilities with 10,000 (or more) pounds of Flammable Liquids or Gas, OSHA is most concerned with facilities exceeding the thresholds identified below for the following chemicals. If these quantities are exceeded, the facility needs to prepare Process Safety Management Plans for any/all relevant chemical(s).

- Anhydrous Ammonia - 10,000 pounds;
- Chlorine - 1,500 pounds;
- Hydrogen Sulfide - 1,500 pounds;
- Phosgene - 100 pounds; and
- Sarin - 100 pounds

Chief Mike Murphy inquired whether FDEM can look into applying a portion of subsequent OSHA fines for Florida facilities in a process similar to the Supplemental Environmental Projects program administered by the U.S. Environmental Protection Agency. Mr. Wotherspoon indicated that he will “look into it.”

- **National Association of SARA Title III Program Officials (NASTTPO) Mid-Year Conference.** Mr. Wotherspoon reminded attendees that NASTTPO Mid-Year Conference is scheduled in Houston, TX on October 17-19, 2016.
- **Hazmat Team Assessment.** Mr. Scott Chappell has requested that the LEPCs assist with the Hazmat Teams assessments. The Florida State Fire College (FSFC) will e-mail capability/resource self-assessment to each of the regional hazmat teams and asking that they provide the results directly back to their local LEPC. With the goal of assessing all Type 1 (i.e. have WMD and/or CBRNE accreditations) and Type 2 hazmat teams, the FSFC has additionally requested contact information association with the non-regional hazmat teams in order to complete the same task. Following receipt of survey results by the LEPC, a site inspection would/will be scheduled to interview respondents and to visually see the recognized resources/equipment. There is no required timeframe for evaluation of all local hazmat teams but preferably within 1-3 years in order to be current. A teleconference will be scheduled between Scott Chappell/Matt Marshall and the LEPCs to provide further guidance regarding the request.
- **Marathon Petroleum Exercise.** Mr. Wotherspoon identified that a Marathon Petroleum exercise has been scheduled in Jacksonville at the Hyatt River Walk on August 16-18, 2016. An overview of the exercise will be provided at the next SERC meeting.
- **2016 Current Issues in Emergency Management (CIEM) Workshops.** Mr. Wotherspoon welcomed all to attend a three-day workshop held twice annually regarding current Emergency Management issues. The identically-themed workshops are scheduled for October 11-13 & 18-20 in Tallahassee.

Mr. Delp concluded his remarks by encouraging SERC members to review the *Hazmatters* reports contained in the Agenda materials to see what is happening within their Districts and throughout the State.

The following was identified for the Tampa Bay LEPC District for the period of October - December 2015:

- Tampa Bay LEPC staff was involved in a number of activities during the quarter. Staff attended the SERC quarterly meetings held at the St. Petersburg Bayfront Hilton in St. Petersburg on April 7-8, 2016. The quarterly Tampa Bay LEPC meeting was held on May 25<sup>th</sup>.
- LEPC staff and associated exercise partners have been coordinating an exercise entitled "Operation Hot Wheels." The tabletop exercise scenario involves the simulated derailment of several CSX railcars transporting various hazardous materials commodities and simulated release of product onto land as well as leakage into a tributary leading to Tampa Bay (major water body). The incident will involve and impact various functions of many agencies, including: hazardous materials response, major road closure(s) and associated re-rerouting of traffic, implementation of shelter-in-place procedures in the immediate area and environmental response. The partners include CSX, Hillsborough County Emergency Management, Hillsborough County Fire Rescue, Hillsborough County Sheriff's Office, Environmental Protection Commission of Hillsborough County, Tampa Emergency Management, Tampa Fire Rescue, Tampa Police Department, Florida Department of Environmental Protection and others. The Initial Planning/Concepts and Objectives Meeting was jointly held on May 11<sup>th</sup>, the Mid-Term Planning Meeting on May 27<sup>th</sup>, the Final Planning Meeting on June 17<sup>th</sup> and the exercise was conducted on June 21<sup>st</sup>. The After Action Report/Improvement Plan will be developed, discussed and approved shortly thereafter in association with a meeting in early to mid-July amongst the primary participatory agencies.
- The LEPC's HMEP Training Subcommittee met on May 25<sup>th</sup> to refine the scheduling of courses associated with the FY 2015-16 HMEP Training contract. Currently, the following training courses have already been or will be conducted: 40-Hr. Marine Firefighting for Land-Based Firefighters course (Pinellas/Hillsborough/ Tampa); attendance at the 2016 Hazmat Symposium (districtwide representation); two 8-Hr. Hazmat IQ courses (Manatee/Hillsborough); a 8-Hr. Chlorine Refresher course (Manatee); a 40-Hr. Hazmedic course (Pinellas); and registration costs associated with three students to attend their 160-Hr. Hazardous Materials Technician Certification course (Hernando). LEPC staff recently inquired whether and it was affirmed that unallocated, unused HMEP Planning funds for FY 2015-16 could be converted to additional FY 2015-16 HMEP Training funds. With the additional training funds anticipated, the Tampa Bay LEPC is currently evaluating the following additional training proposals: acquisition of additional training props to be used in future districtwide training and stored in the regional training trailer; three shift-friendly 8-Hr. "Ammonia Refresher" courses (Manatee County/Hillsborough County); three shift-friendly 8-Hr. "White Powder with Chemist" courses (Pinellas County); three shift-friendly 8-Hr. "Utilizing Meters with Chemist Driven Training" courses (Pinellas County); one 16-Hr. "Assistant Safety Officer" course (Manatee/Hillsborough Counties); one 8-Hr. "Hazmedic Refresher" course; and/or other course(s).
- In terms of miscellany, LEPC staff additionally: participated in an audit of the Tampa Bay LEPC's FY 2014-15 & 2015-16 HMEP Program conducted by FDEM staff (April 5<sup>th</sup>); facilitated the (nearly) monthly meeting of the Pinellas Police Standards Council (April 13<sup>th</sup> & June 8<sup>th</sup>); attended the (nearly) monthly meeting of the Ammonia Handlers/Operators (May 3<sup>rd</sup>, May 31<sup>st</sup> & June 28<sup>th</sup>); coordinated distribution of 2016 Emergency Response Guidebooks with the various County Emergency Management agencies and other parties (May 6<sup>th</sup>); attended the bi-monthly meeting of the Tampa Bay Spill Committee (May 10<sup>th</sup>); observed the simulated activation of the Pinellas County EOC in association with a hurricane exercise (May 19<sup>th</sup>); attended the 8-Hr. Chlorine Refresher course conducted in Manatee County (June 1<sup>st</sup>); facilitated the (nearly) quarterly meeting of the Preventative Nuclear Radiological Detection Committee (June 9<sup>th</sup>); participated in the Training Task Force teleconference (June 15<sup>th</sup>); and provided the Tampa Bay LEPC Hazardous Materials Emergency Response Plan update to FDEM (June 28<sup>th</sup>). Much time was spent this past quarter performing the update of this document including the initial incorporation of Citrus and Hernando County data and resources.

## OTHER BUSINESS

- **EPCRA Tier II Update.** Mr. Paul Wotherspoon acknowledged the State's continued emphasis on filing in and work with the E-Plan Tier II filing program. Additionally, Mr. Wotherspoon reminded SERC members that the 30-Year anniversary of the Emergency Planning and Community Right-to-Know Act is quickly approaching.
- **Financial Disclosure Statements.** Mr. Paul Wotherspoon reminded SERC members that Financial Disclosure Statements were due July 1<sup>st</sup>. Please submit ASAP if you have not already done so.
- **LNG Training.** Mr. Wotherspoon indicated that this topic was pretty well addressed earlier in the Agenda but affirmed that barges are now being built to be powered by LNG. The Port of Jacksonville will be the first Port in the State fully capable of fueling these crafts in 8-10 months. This will be the only Port fueling location in the southeast at this time.

## COMMENTS & ADJOURNMENT

- Chief Murphy identified that Occupational Safety and Health Administration (OSHA) staff provided a presentation at the LEPC Staff & Chairs meeting yesterday. The gist of the presentation was to establish relations with the Florida LEPCs and to solicit the identity of facilities potentially out of compliance before an accident occurs. Chief Murphy inquired whether FDEM can look into applying subsequent OSHA fines of Florida facilities in a process similar to the Supplemental Environmental Projects program authorized by the U.S. Environmental Protection Agency.
- Mr. John Kohnke's identified that the Domestic Security Oversight Council is primarily comprised of members from Law Enforcement and Fire/Hazardous Materials. Much of the recent discussion and focus has been about the shootings which have recently occurred nationwide, including those in Orlando. This may have a bearing on some funding measures to be implemented in the short term. However, having a background in hazardous materials planning, Mr. Kohnke posed the question of "at what point will the terrorist(s) look at facilities and hazardous material commodities." Mr. Wotherspoon added that there are ~4,000 EHS' facilities in Florida and 12,000 chemical facilities in total. Meeting Chair Jonathan Lord suggested that Industries expressing an interest in providing input to the Domestic Security Oversight Council should contact their local Florida Department of Law Enforcement (FDLE) that may administer Regional Domestic Security Task Force programs.

Chief Mike Murphy suggested that perhaps a Department of Homeland Security (DHS) and/or a FDLE representative attend a future SERC meeting to provide a future presentation to SERC to identify how industries can assist with the missions of these agencies.

Upon identification of no more issues to be brought before the SERC, Chair Lord advised that the next SERC meeting will be held on either October 7 or 14, 2016 at a location in Destin. The meeting adjourned at 10:50 a.m.