



## RECAP OF THE JANUARY 20, 2016 STATE EMERGENCY RESPONSE COMMISSION MEETING

The January 20, 2016 SERC meeting was held at the Hilton Oceanwalk hotel in Daytona Beach, FL. The Recap summarized below was enhanced by discussions/dialogues which ensued at the October 8<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 10:01 a.m. and proceeded with the Pledge of Allegiance and a roll call of SERC members and introduction of audience attendees.

Chair Jonathan Lord identified that one of the items is being advanced since the presenter must leave following the presentation to assist in the coordination of Hazmat Symposium and Team Competition activities.

- **HAZARDOUS MATERIALS SYMPOSIUM & TEAM COMPETITION** - Lt. Jonathan Lamm (Cocoa Beach Fire Department) provided the following status report regarding the Symposium & hazmat Teams competition:
  - Symposium consists of 38 courses, 51 presenters, 11 presenters from out of state.
  - Have 100 more attendees than last year's event already. This number will grow with additional students attending Fire Rescue East. Enrollment in the 2016 Hazmat Symposium already exceeded 300.
  - FFCA covered all instructor hotel rooms and meals for hazmat competition attendees.
  - The numerous volunteers exceeded all expectations.
  - Response Technologies ran hazmat competition for the third straight year and provided the trophies. This year, seven teams are scheduled to compete in this year's hazmat teams competition, an increase from the six teams that competed last year.

### APPROVAL OF MINUTES

The October 9, 2015 SERC meeting *Minutes* were approved unanimously upon voice vote.

### NEW BUSINESS

- **LOCAL EMERGENCY PLANNING COMMITTEES APPOINTMENTS** - 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 LEPC District 8 approved during the quarter were the designation of Primary/Alternate for Port Tampa Bay (*Wes Morse/Christopher Cooley*).
- **THOMAS YATABE - SERC AWARD PRESENTATION** - The SERC presented 10 Thomas Yatabe Awards, one for each LEPC District as designated by their respective Local Emergency Planning Committee. The Award signifies "*outstanding contribution made in the implementation and support of the Emergency*

*Planning and Community Right-to-Know Act through achievement(s), accomplishment(s) or superior participation in hazardous material planning or response.”*

The 2015 Thomas Yatabe Award winner for the Tampa Bay LEPC District was Jack Ashmore of Mosaic’s Port Sutton Ammonia Terminal. Mr. Ashmore attended the SERC meeting to receive his Award in person. His Nomination Form read as follows:

*As an informational and training opportunity, Mosaic, Hillsborough County Fire Rescue, and Port Tampa Bay decided to perform a joint exercise involving an ammonia release at the Port Sutton Terminal of Port Tampa Bay. The planning began many months in advance and included developing the scenarios, scheduling visits to the Port Sutton Terminal to familiarize the potential responding units with the facility; and tabletop exercises conducted over three days to enable all shifts to participate. Due to the great relationship and networking done through Jack and his team, each tabletop had participation from a multitude of organizations which led to an outstanding experience for all involved. Furthermore, the planning continued and culminated into a full scale exercise conducted in December 2014 which included not only the response to a hazardous materials*



Left to Right: LEPC Chair Jeff Patterson, Thomas Yatabe Award Winner Jack Ashmore, FDEM Deputy Director Jonathan Lord and Tampa Bay LEPC Staff John Meyer

*release but also emergency mass notifications, mass evacuation, sheltering, traffic control, perimeter security, media relations and much more. Jack Ashmore led the Mosaic team and hosted all site visits, participated in the three days of tabletop exercises and the full scale exercise. In addition, Jack scheduled HAZMAT technician training for his employees to enable them to participate in the full scale exercise. Outside of this, Jack participates in several safety, response, and operational committees in the Tampa Bay area which shows his pride and devotion to his job. With over 25 years in this field, Jack's commitment to the safety of Mosaic operations and of the community is easily seen in everything he does..*

Mr. Robert Dietrich, FDEM’s Risk Management Program Manager, added that it is rewarding to present such Awards to recognize the hard work and initiatives being undertaken all across the State. In addition, he recognized that there are countless others that are deserving of such an award annually.

## REPORTS

- **SERC TRAINING TASK FORCE REPORT** - The following highlights of the January 19<sup>th</sup> TTF meeting were identified by TTF Chair Capt. Joe Nelson:
  - **Letter of Appreciation to FFCA.** The TTF passed a motion unanimously to send letter to FFCA thanking them for all their support and contributions in the planning and hosting the 2016 Hazmat Symposium and Hazmat Teams Competition. A similar motion to transmit such correspondence was additionally and unanimously endorsed by the SERC.

- **Field Operations Guide Update.** The updated Field Operations Guide (FOG) is expected to be brought to SERC at April meeting for approval. Modifications will be incorporated to reflect current standards of the fire profession. Each disciplines has their own FOG. The update that will be presented to the SERC will be that of Hazardous Materials.
- **State Homeland Security Grant Program (SHSGP) Funding.** John Koenke identified that SHSGP funding for Hazmat may increase next year with the anticipated re-emphasis on the importance of Hazmat teams. Additionally, it was identified that some of the formerly-designated statewide Hazmat Teams may be reclassified and restored as State resources.
- **Liquefied Natural Gas (LNG) Trains.** Alex Vohr was supposed to provide a presentation on LNG trains but developed a late conflict in scheduling. Chair Nelson identified that technology is nearing to run trains on a hybrid of diesel and liquefied gas. It will use ~ 10% of diesel fuel. Upon implementation, it is anticipated that a train could travel back and forth between Jacksonville and Miami three times on one tank. Jacksonville Fire Rescue has trained 250 firefighters in Jacksonville regarding response to the increased use of LNG. Additionally, many ships are converting to the newer technology and are being built to operate on LNG. Jacksonville is the first and only ship LNG fueling station on the east coast.
- **Marine Shipboard Firefighting.** Chair Nelson identified that he had met with Forest Willis of the U.S. Coast Guard regarding the issue of Marine Shipboard Firefighting and, in particular, establishing a combined and unified response to future incidents. Trying to coordinate meeting in Clearwater in March. Determine four scenarios where you would use offshore hazmat. Intend to establish operational guidelines for future joint responses. Jeff Patterson mentioned that every couple of years, there is huge turnover of USCG personnel in which their new staff would need to be routinely advised, informed and trained.
- **Sterilization of Medical Equipment Company.** Matt Marshall (Cape Coral Fire Department & Florida Association of Hazmat Responders) identified that a new company is proposed in southwest Florida that would sterilize medical equipment. The associated hazmat solutions that would be necessary for the sterilization process would be transported via FedEx in 55-gallon pressurized drums. The Southwest Florida LEPC is considering developing an exercise which would reflect response to a transportation incident involving one (or more) of the FedEx delivery vehicles.
- **Financial Status Report.** As informational, Mr. Robert Dietrich indicated that the SERC Agenda materials contained numerous tables and graphs depicting program revenues & expenditures over the last several years. Revenues have remained relatively steady. 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. The penalties for facilities that do not report were identified, essentially 10% of overall payment penalty fee is imposed for each month late. The following reports were included as part of the Agenda materials:
  - Monthly RMP & EPCRA program revenues received 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 (through November 30, 2015).
- **Hazardous Materials Incidents Reports.** As informational, Mr. Robert Dietrich 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

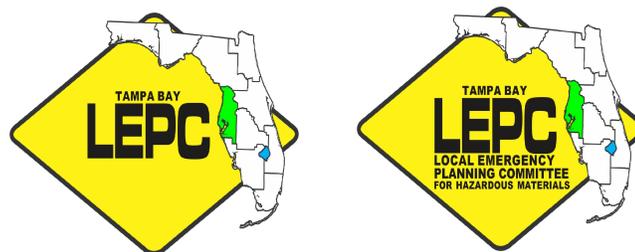
of September 1, 2015 - November 30, 2015. Such Reports included documentation of these incidents and portrayed the number of persons evacuated, injured or deceased down to LEPC District and ultimately County levels.

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	9/18/15	TR	Gasoline	256	Aircraft Accident	0	0	1
Hillsborough	9/16/15	TR	Natural Gas	Unknown	Pipeline	1	0	0
	10/08/15	304	Anhydrous Ammonia	185	Mining	N/A	N/A	N/A
	10/12/15	TR	Natural Gas	0	Pipeline	1	0	0
	10/16/15	304	Unknown Anhydrous Substance	Unknown	Ag Bi-Product	N/A	N/A	N/A
	10/30/15	FF	Natural Gas	Unknown	School	Unknown	1	0
	11/09/15	TR	Motor Oil	Unknown	Traffic Accident	0	1	0
	11/10/15	304	Sulfuric Acid	534	Mining	N/A	N/A	N/A
Manatee	10/08/15	304	Anhydrous Ammonia	185	Mining	N/A	N/A	N/A
	10/25/15	304	Anhydrous Ammonia	51	Citrus Production	N/A	N/A	N/A
	11/10/15	304	Hydrofluoric Acid	Unknown	Residence	N/A	N/A	N/A
	11/21/15	FF	Hydrofluoric/Nitric Acids	Unknown	Private Residence	0	1	0
Pasco	10/06/15	TR	Diesel Fuel or Gasoline	Unknown	Traffic Accident	0	2	0
Pinellas	9/16/15	TR	Liquid Nitrogen	Unknown	Traffic Accident	0	2	0
	9/18/15	FF	Carbon Monoxide	0	Private Residence	0	6	0
	9/22/15	FF	Propane	Unknown	Private Residence	21	0	0
	9/25/15	TR	Natural Gas	Unknown	Pipeline/Private Business	10	0	0
	9/30/15	TR	Gasoline	26	Aircraft Accident	0	1	0
	10/10/15	FF	Propane	Unknown	Mobile Home Park	10	0	0
	11/06/15	FF	Natural Gas	Unknown	College (Construction)	Unknown	0	0
	11/11/15	FF	Natural Gas	Unknown	Gas Station	Unknown	0	0
<b>TOTAL →</b>						<b>43</b>	<b>14</b>	<b>1</b>

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

- **Update on FDEM Staff Activities and Reports by Section.** Mr. Dietrich 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 (i.e. Fixed Facility with Petroleum, Fixed Facility without Petroleum, Transportation with Petroleum and Transportation without Petroleum) from December 1, 2014 - November 30, 2015;
  - monthly enumeration of Hazardous Materials Incident Reports from January 2005 to current;
  - quantification of *E-Plan Filings* for 2014 by LEPC District (as of December 8, 2015);
  - monthly quantification of Technical Assistance calls received from December 1, 2014 - November 30, 2015; and
  - annual enumeration of Tier 2 Data in E-Plan since 2010 in terms of the # of statewide facilities and # of chemicals as of November 30, 2015.
  
- **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:
  - **LEPC Names.** LEPC staffs unanimously agreed that it is appropriate to no longer refer to themselves by District since the Withlacoochee LEPC (District 5) was eliminated as a result of the 2015 legislative session and the LEPCs would no longer be sequentially numbered. Alternatively, the LEPCs will be referred to by the geographic region and Regional Planning Council they represent (i.e. *West Florida LEPC, Apalachee LEPC, North Central Florida LEPC, Northeast Florida LEPC, East Central Florida LEPC, Central Florida LEPC, Tampa Bay LEPC, Southwest Florida LEPC, Treasure Coast LEPC* and *South Florida LEPC*).
  
  - **LEPC Logos.** Mr. Delp acknowledged that all LEPC logos statewide were recently revamped to exclude reference to the LEPCs by number. Additionally, the geographic areas associated with the Tampa Bay LEPC, the North Central Florida LEPC and the East Central Florida LEPC were all expanded as a result of the elimination of the Withlacoochee LEPC as described above. Mr. Eric Anderson and the staff at the Northeast Florida Regional Planning Council/LEPC were thanked for developing the new logos. The new logos for the Tampa Bay LEPC are:



- **HMEP Planning Project for FY 2016-17.** Mr. Paul Wotherspoon (FDEM Staff) advised that starting next year, the LEPCs will need to provide a narrative to request funding for a planning project on annual basis. The narrative

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 Sandestin Golf & Beach Resort in Miramar Beach, FL on October 8-9, 2015. The quarterly Tampa Bay LEPC meeting was held on November 18<sup>th</sup>.
- The LEPC's HMEP Planning Subcommittee (aka "Facility Disaster Planning Subcommittee") met on October 28<sup>th</sup>. This Subcommittee primarily functions to facilitate and assist with many of the planning endeavors conducted by the LEPC. As typical, the meeting included a variety of discussions topics. While an overview of SERC and LEPC initiatives are routinely provided, much of the meeting focused on the final Commodity Flow Study/Placard Survey work product and the next FDPS initiatives of updating the LEPC's *All Hazards Guide for Businesses: Planning for Risks* resource document to reflect the encumbrance of Citrus & Hernando Counties into the LEPC as well as the need to develop a single-page handout describing the role, responsibility and resources of the Tampa Bay LEPC. It is envisioned that this handout will be provided at all hazards analyses conducted districtwide, all Risk Management Planning audits/inspections attended and a variety of other events and occasions.
- The LEPC's HMEP Training Subcommittee met on November 18<sup>th</sup> to refine the scheduling of courses associated with the FY 2015-16 HMEP Training contract. At the present time, it is anticipated that the 2015-16 training will include: a 40-Hr. *Marine Firefighting for Land-Based Firefighters* course; attendance at the 2016 *Hazmat Symposium*; two 8-Hr. *Hazmat IQ* courses; a 8-Hr. *Chlorine Refresher* course; a 40-Hr. *Hazmedic* course; and a 40-Hr. *Port Security* course. Additional FY 2014-15 HMEP Training funds were solicited and approved late in the year to conduct of a 16-Hr. *Assistant Safety Officer: Hazardous Materials* course on December 1-2, 2015 for Hernando County Fire Rescue and to purchase a trailer and three Chlorine training props for Hillsborough County Fire Rescue. Delivery of the trailer (pictured to the right) occurred in early December and the three Chlorine training props were delivered by December 15<sup>th</sup>. Additional training conducted during the quarter consisted of sending ten selected representatives from various Hillsborough and Pinellas County fire departments to a 40-Hr. *Marine Firefighting for Land-Based Firefighters* held at the Resolve Marine Academy in Ft. Lauderdale on December 7-11, 2015. It is anticipated that the LEPC will fund 26 representatives Districtwide to attend the 2016 Hazmat Symposium in late January.
- In terms of miscellany, LEPC staff additionally: attended the bi-monthly meetings of the Tampa Bay Spill Committee (November 10<sup>th</sup>); facilitated the (nearly) monthly meetings of the Pinellas Police Standards Council (October 14<sup>th</sup> & November 4<sup>th</sup> & December 9<sup>th</sup>); attended the (nearly) monthly meetings of the Ammonia Handlers/Operators (October 29<sup>th</sup> & December 1<sup>st</sup>); & conducted Hernando County Hazards Analyses with assistance from Treasure Coast LEPC staff (October 20<sup>th</sup>); attended the U.S. Coast Guard's tri-annual Area Contingency Plan Subcommittee meeting (November 10<sup>th</sup>); accompanied FDEM staff on the following Risk Management Plan audits/inspections – Trademark Nitrogen (November 17<sup>th</sup>), Tampa's Howard F. Curren Wastewater Treatment Plant (November 19<sup>th</sup>), Tarpon Springs' Wastewater Facility (December 8, 2015) and Tarpon Springs' Keller Water Treatment Plant (December 10<sup>th</sup>). LEPC staff was unable to additionally attend the Mosaic's Hookers Point Ammonia Terminal (November 18<sup>th</sup>) & Coca-Cola Refreshments (December 9<sup>th</sup>) RMP visits due to scheduling conflicts; participated in the semi-quarterly Training Task Force teleconference (November 18<sup>th</sup> & December 16<sup>th</sup>), both administered by FDEM staff; attended the annual Tampa Cooperative



Safety & Security Initiative Safety Luncheon (December 4<sup>th</sup>); attended the HMEP Guidance workshop held by FDEM at the ECFRPC offices (December 9<sup>th</sup>); and facilitated a (nearly) quarterly meeting of the Preventative Nuclear Radiological Detection Committee (December 10<sup>th</sup>).

## OTHER BUSINESS

- **Hazards Analysis Working Group.** Mr. Dwayne Mundy identified the following:
  - **Data Sharing.** A plethora of information and resources is now available in Florida’s Geospatial Assessment Tool for Operations and Response (“GATOR”) including identification of critical facilities and Hazards Analyses.
  - **Future Revisions to E-Plan.** Minor revisions of the state defined fields are proposed within E-Plan. This would/could include a requirement to upload facility site plans as part of the reporting requirements. Two additional questions have been added - identification of the frequency of receipt/delivery of product and the means of commodity transport. Future questions will include whether facility has their own hazmat response team. Data checking within E-Plan remains a critical issue, including recognition of Section 302 facilities based on their chemical inventory(ies).
  - **Hazards Analyses.** Appropriate training for individuals preparing the Hazards Analyses (HAs) has always been viewed as critical. Such training should be made available annually on or before August 1<sup>st</sup> to coincide with FEPA Midyear prior to the issuance of the annual HA Contracts. LEPCs should include these training courses for responders who will use the HAs in their MYTEPs. Counties can now upload their Hazards Analyses to the State’s data portal.
  - **30-Year Anniversary of EPCRA.** The HA Working Group and individual LEPCs are determining how to promote the 30-year anniversary of the *Emergency Planning and Community Right-to-Know Act*.

Mr. Mundy concluded his presentation by identifying that the next meetings of the HA Working Group will be held on the week of 2/15 and another one in early March. Will provide comments/recommendations to FDEM by 3/15 so that the status of the Committee can/will be identified at the April 8, 2016 SERC meeting.

- **Pipeline & Hazardous Materials Safety Administration.** Mr. Arthur Buff of the U.S. Department of Transportation’s Pipeline & Hazardous Materials Safety Administration provided a presentation on the responsibilities of their agency. The following highlights of the presentation were captured:
  - The Pipeline & Hazardous Materials Safety Administration (PHMSA) is under the U.S. Department of Transportation and consists of a Hazardous Materials Section and the Office of Pipeline Safety. PHMSA is responsible for protecting lives and property from the risks associated with the transport of hazardous materials via pipeline. PHMSA staff investigates all incidents. NTSB only investigates the serious ones. PHMSA is not involved in the pipeline permitting process.

- Statistics shared:
  - ☞ ~19% of all pipelines within the State fall under the Department of Pipeline Safety.
  - ☞ Nearly 2.7 million miles of pipelines carry various products in U.S., about 47,000 miles of pipeline exist within Florida (i.e. ~41,000 miles of gas distribution lines, ~5,000 miles of gas transmission lines and ~482 miles of hazardous materials transport lines).
  - ☞ Between 1995 - 2015, an estimated \$6,061,267,267 of damage was caused by the 4,567 documented pipeline incidents. The incidents also resulted in 374 deaths and 1,408 Injuries. About 17% of these pipeline incidents were caused by excavation and resulted in 32.3% of all injuries and 37.7% of all pipeline incident deaths
  - ☞ Transportation of Crude by Rail was calculated to be 9,500 tank car loads in 2008. In 2014, that figure increased to 493,146 tank car loads with an average transportation distance of 1,000 miles.
  - ☞ Every six minutes, an underground utility line is damaged by someone who decided to dig without calling 811 first, hence PHMSA’s adamant promotion of the “*Call 811 before You Dig*” program.
- Mr. Buff characterized a July 25, 2010 oil spill incident involving Crude Oil which occurred in Marshall, Michigan. The incident resulted in closure of a 35-mile segment of the river between Talmadge Creek and Kalamazoo for nearly two years. It was determined that spill was caused by a seven foot fracture of a 6" line and a subsequent release of about 1,100,000 gallons of crude oil. FEMA fined the facility \$3.7M of the \$1.2B response cost, about 0.3% of overall response cost.
- Mr. Buff identified that a March 1965 pipeline incident in Natchitoches, LA, believed to be caused by erosion, resulted in enactment of the *Natural Gas Pipeline Safety Act* on August 12, 1968. In 1979, the Act was expanded to include hazardous liquids.
- Pipelines and Informed Planning Alliance (PIPA) provides guidance for development along pipelines.

Mr. Buff can be reached by e-mail ([arthur.buff@dot.gov](mailto:arthur.buff@dot.gov)) or phone (404/832-1155).

- **SERC Policies for LEPCs.** Mr. Richard Delp identified that numerous changes to the document entitled “*Florida State Emergency Response Commission Policies for Local Emergency Planning Committees*” are warranted and were discussed at the LEPC Staff/Chairs meeting. This document was last updated in 2004. It is anticipated that the proposed modifications are to be vetted through FDEM legal counsel will be considered at the April SERC meeting for approval. Some of the proposed changes are:
  - addition of Education as a potential LEPC membership category and reflect accurate listing of all present membership categories.
  - rewording of SERC’s biennial “re-appointment” process for all present LEPC members.
  - elimination of the present clause which requires the vacancy of “Alternate” members if the “Primary” members resigns, is terminated or retires. If desired and as proposed, the “Alternate” would assume “Primary” member status.

- Removal of limits in terms of the number of members by occupational category and overall. Those determinations shall be made by the LEPCs.
- Removal of the stipulation that “*if an LEPC member or his/her Alternate misses three consecutive meetings, the member’s and alternate’s appointment is automatically terminated.*” Alternatively, membership status and attendance policies shall be determined by the respective LEPC.
- Recognition that “LEPC Coordinators” shall be responsible parties for informing “Alternate” members of meeting Agendas and pertinent materials. This is a procedure which has long been implemented. However, as currently written, this responsibility belonged to the “Primary” members.

## **COMMENTS & ADJOURNMENT**

- Upon identification of no more issues to be brought before the SERC, Chair Lord advised that the next SERC meeting will be held April 8, 2016 at a location yet to be determined. The meeting adjourned at 11:46 a.m.