

119th WIPP QUARTERLY
July 19, 2012



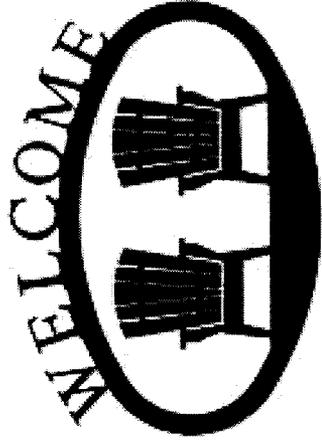
EMNRD, Office of the Secretary Conference Room, Third Floor, Chino Building
1220 South St. Francis Drive, Santa Fe, New Mexico 87505

DRAFT AGENDA

10:00	Introductions	Anne deLain Clark
10:10	NMED Hazardous Waste Bureau Update	Trais Kliphuis
10:45	NMED DOE Oversight Bureau	Thomas Skibitski
11:00	Governor's Task Force Update	Jodi McGinnis Porter
11:30	DOE CBFO WIPP Status Update	George Basabilvazo
11:50	Lunch	
1:10	DOE CBFO WIPP responses to questions: 1. What is the Running Annual Average for Carbon Tetrachloride (ppbv)? 2. What has been the highest concentration of Carbon Tetrachloride measured since November 2, 2011? 3. What permit modifications are planned for submission? 4. How far along is the mining of Panel 7? Diagram? 5. What is the current location for RH and CH waste emplacement in Panel 6? Diagram? 6. What is the current state of the Salt Disposal Investigation in the underground (including mining underway and scheduled, funding provided, and jobs retained)? Diagram? 7. What are the most current numbers for volume of waste emplaced in the repository, number of shipments by site? (another question for the October 2012 quarterly is how many shipments were made in FY 2012 and was this above, at, or below the goal?) 8. What are the amounts of waste classified as TRU waste that have been dispositioned as TRU waste and as other than TRU waste in FY 2008, FY 2009, FY 2010, and FY 2011? [Outstanding Action Item from October 20, 2011.] 9. What is the schedule for the about 85 kilograms of "surplus" plutonium from SRS to WIPP? http://cab.srs.gov/library/meetings/2011/fb/201109_wipp.pdf 10. How many WIPP workers have left work due to illness (personal information is not necessary, just statistics)? 11. Did the recent fires along Interstate 25 in Colorado effect WIPP shipments in any way?	George Basabilvazo
2:30	General discussion questions: 1. What discussions/agreements happened between DOE and NMDOT about the road work on 599 southbound and the resulting detour? How has this affected shipments from LANL? 2. What can be done to improve Mora County's lack of WIPP emergency training?	
3:00	Action Items, Scheduling of Next Meeting, and Adjourn	

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**New Mexico Environment Department
Hazardous Waste Bureau
WIPP Group**

119TH WIPP QUARTERLY MEETING

**Santa Fe, New Mexico
July 19, 2012**

NMED HWB Mission

The Hazardous Waste Bureau's (HWB's) mission is to provide regulatory oversight and technical guidance to New Mexico hazardous waste generators and treatment, storage, and disposal facilities as required by the New Mexico Hazardous Waste Act [HWA; Chapter 74, Article 4 NMSA 1978] and regulations promulgated under the Act. New Mexicans will then be assured that hazardous waste is managed, and contaminated sites are cleaned up, in a manner that is safe and protective of human health and the environment. HWB also ensures abandoned hazardous substances are handled on an emergency basis, and lessens the resulting hazards that may present endangerment to humans.

Permit Activities

- Class 1 Permit Modification
 - May 4, 2012 – Various Editorial Changes
Approved May 4, 2012 (changes to permit were made May 8, 2012)
- Class 1 Permit Modification
 - May 25, 2012 – Update Emergency Coordinator Address and Phone Number
Approved May 30, 2012 (changes to permit were made June 29th, 2012)

- Class 1* Permit Modification (requires prior approval from NMED)
 - June 27, 2012- Changes Related to Operations Control of the WIPP Hazardous Waste Facility
Likely to be approved in August 2012
- Class 2 Permit Modification
 - July 6, 2012 - Addition of Shielded Container Permittees' 60 day comment period in session
Comment period ends on Monday, September 10, 2012

Audit and Surveillance Activities

Completed:

- April 9-12, 2012 – WTS QA Audit in Carlsbad
- April 17-19, 2012 – Ventilation Surveillance, Carlsbad
- April 24-26, 2012 – Bettis Atomic Power Laboratory (BAPL)/CCP Closeout Audit, Carlsbad
- May 15-17, 2012 – Hanford/CCP Recertification/Closeout Audit in Carlsbad
- June 11-14, 2012 - Idaho Falls (INL)/CCP Analytical Labs Recertification Audit and INL/CCP Recertification Audit in Idaho Falls

Audit and Surveillance Activities

Upcoming:

- July 24-26, 2012 - LANL/CCP Recertification Audit
- August 7-9, 2012 - Sandia National Labs (SNL)/CCP Recertification Audit
- August 28-30, 2012 - Argonne National Labs (ANL)/CCP Recertification Audit
- October 16-18, 2012 - Advanced Mixed Waste Treatment Project (AMWTP) Recertification Audit
- November 6-8, 2012 - Savannah River Site (SRS)/CCP Recertification Audit

Audit Reports

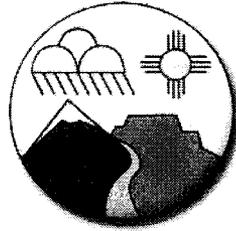
- Savannah River Site (SRS)/CCP CH A-12-02
 - NMED received April 26, 2012; NMED approved on May 23, 2012
- NMED waiting for:
 - ORNL/CCP A-12-08
 - BAPL/CCP A-12-10
 - Hanford/CCP A-12-11
 - INL/CCP A-12-13
 - INL/CCP Labs A-12-14

Notifications

None for this quarter.

Other Activities

- April 20, 2012: DOE announced new WIPP contractor, Nuclear Waste Partnership LLC, to take over October 1, 2012
- June 7, 2012: Permittees conducted pre-submittal meeting for Shielded Container in Albuquerque
- July 8-10, 2012: Secretary Martin and Trais Kliphuis traveled to Idaho to tour the AMWTP and observe the super-compacter
- July 16-20, 2012: Ricardo Maestas is in Denver taking part in a RCRA training
- August 16, 2012: NMED will attend the Permittees public meeting in Santa Fe regarding Class 2 Shielded Container



New Mexico Environment Department DOE Oversight Bureau

119th WIPP Quarterly Report



**Environmental Oversight and Monitoring
At Department of Energy Facilities in New Mexico**

Cover Photograph

Environmental Scientist Julia Marple accompanies VOC technicians as they attach a summa canister for the VOC sampling project begun at the Waste Isolation Pilot Project in Carlsbad, New Mexico.

Photograph by WIPP Oversight Office Staff.

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WASTE ISOLATION PILOT PLANT OVERSIGHT

GENERAL ADMINISTRATION (WAD70)

Under this Activity ID, the Bureau manages, administers, and finances the overall activities of staff members in the Carlsbad office. Staff provides administrative services to New Mexico Environment Department, the Oversight Bureau and the U.S. Department of Energy by developing workplans, budgets, training requirements, and all other functions necessary to support the oversight mission.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff observed facility activities, managed personnel activities, budgeted for monitoring and oversight activities and attended required and optional trainings and classes.

Administration

WIPP Oversight Section (WOS) staff completed the move into the newly remodeled New Mexico Environment Department District Office on Guadalupe Street in Carlsbad. The previous lease was due to expire and Bureau staff consolidated with other Department staff to make better use of available resources.



Figure WAD70-1. The remodeled New Mexico Environment Department office combines the local offices of the DOE Oversight Bureau, Petroleum Storage Tank Bureau and Environmental Health Division into a single building. Photograph by Thomas Kesterson.

Cabinet Secretary Dave Martin, Resource Protection Division Director Jim Davis, Hazardous Waste Bureau Waste Isolation Pilot Plant (WIPP) Group Staff Manager Trais Kliphuis, and DOE Oversight Bureau Chief Tom Skibitski participated in a meeting with senior U.S. Department of Energy (DOE) managers regarding a path forward for managing WIPP permit modifications.

In late April 2012, the U.S. Department of Energy announced that Nuclear Waste Partnership LLC has been awarded a \$1.3 billion contract for management and operations (M&O) at WIPP. The M&O contractor manages the WIPP site and the DOE National Transuranic Waste program. After a transition period, the contractor will assume responsibility for M&O of the WIPP facility on October 1, 2012. The five-year contract contains an option to extend for an additional five years. The Nuclear Waste Partnership LLC membership includes URS Energy & Construction, Inc., of Boise, Idaho; Babcock & Wilcox Technical Services Group, Inc., of Lynchburg, Virginia; and AREVA Federal Services LLC, of Bethesda, Maryland.

Staff observed Surveillance S-12-17, WTS Mine Ventilation. Staff accompanied the auditors into the mine for a demonstration of how air flow is determined. Staff also participated in the annual site evacuation drill. All on-site personnel were evacuated to the staging area at the employee parking lot for accountability.

WOS staff accompanied the Petroleum Storage Tank Bureau scientist on his inspection of the fuel tanks at the WIPP. There were no major issues found.

The final scheduled shipment of transuranic (TRU) legacy waste from Sandia National Laboratories occurred on Wednesday, May 2, 2012. New Mexico Governor Susana Martinez was on hand to see the shipments leave Sandia through the Eubank Gate. Four (4) trucks transported the remote-handled TRU legacy waste to the Waste Isolation Pilot Plant. Sandia has successfully shipped 61 drums of contact and remote handled waste to WIPP under the oversight of the New Mexico Environment Department and the U.S. Environmental Protection Agency. Legacy TRU waste shipments were expedited under the American Recovery and Reinvestment Act in support of DOE's goal to dispose of 90 percent of legacy TRU waste by 2015. Sandia was the 22nd site in the nation to be completely cleaned of legacy TRU waste.

Governor Susana Martinez visited Los Alamos National Laboratory on June 26, 2012, the one-year anniversary of the Las Conchas fire, to commemorate the 1,000th shipment of transuranic waste to WIPP (<http://www.abqjournal.com/main/2012/06/27/north/gov-applauds-removal-of-waste.html>).

Staff prepared the WIPP Oversight Section inputs for FFY2012 Q-2 Quarterly Report, the 118th WIPP Quarterly meeting and the CY 2011 Annual Report.

Training

Staff scientists Thomas Kesterson and Julia Marple successfully completed the General Employee Training (GET) refresher training. The GET refresher provides all WIPP employees and contractors with new information related to job performance and identifies areas of concern to ensure employees remain safe and in compliance with all WIPP regulations, orders and policies. The GET training allows Oversight Bureau staff unescorted access to the WIPP site.

Mr. Kesterson also completed his Radiological Worker (RAD)-202 retraining. RAD-202 retraining familiarizes staff with the knowledge to work safely in areas controlled for radiological purposes and use ALARA (as low as reasonably attainable) techniques in accordance with WIPP radiation safety procedures.

Ms. Marple also successfully completed SAF-502 Underground Safety refresher, which fulfills all requirements of 30 CFR Part 48 for annual miner refresher retraining. Successfully completing SAF-502 allows for unescorted access to the underground.

PUBLIC OUTREACH (WPO71)

Under this Activity ID, Bureau staff interacts with the public through meetings, listening sessions, website development, consultations and reports.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff participated in the 118th WIPP Quarterly Meeting, attended the Supplemental Environmental Impact Statement Scoping Meeting for Long-Term Management and Storage of Elemental Mercury, attended the Nuclear Fuel Cycle Summit and published several reports.

WIPP Quarterly Meeting

Staff attended the 118th WIPP Quarterly meeting, hosted by the U.S. Department of Energy Carlsbad Field Office in Carlsbad, and presented an update on the WIPP Oversight Section activities. Also in attendance were representatives from the U.S. Department of Energy, Washington Regulatory and Environmental Services, New Mexico Environment Department Hazardous Waste Bureau, New Mexico Radioactive Waste Consultation Task Force and New Mexico State Representative Cathrynn Brown (R-Eddy Country).

Supplemental Environmental Impact Statement Scoping Meeting for Long-Term Management and Storage of Elemental Mercury

Bureau staff reviewed documents related to the U.S. Department of Energy notice of intent to prepare a supplemental environmental impact statement for the long-term management and storage of elemental mercury.

Staff attended the Supplemental Environmental Impact Statement (EIS) Scoping Meeting for Long-Term Management and Storage of Elemental Mercury held in Carlsbad on June 26, 2012. One site within the WIPP Land Withdrawal Act (LWA) and one site just outside of the WIPP Site Boundary are being considered as additional candidates for the Mercury Storage Site. All three (3) commenters at the meeting were in favor of the long-term mercury storage being sited at or near the WIPP. One speaker urged DOE to utilize available space from land already

withdrawn, before taking away land that has been designated for other uses, e.g., ranching. DOE is accepting comments until July 5. The draft EIS is expected to be issued in the fall.

2012 Nuclear Fuel Cycle Summit

Bureau staff from the Sandia and WIPP Oversight Sections attended the 2012 Nuclear Fuel Cycle Summit in Carlsbad. Additional New Mexico Environment Department staff attended the conference, including Cabinet Secretary Dave Martin, Resource Protection Division Director Jim Davis and Hazardous Waste Bureau WIPP Group Staff Manager Trais Kliphuis. Cabinet Secretary Martin presented a talk, entitled "Response to the Blue Ribbon Commission for America's Nuclear Future," detailing the need to develop a generic siting standard for nuclear waste disposal facilities and outlining an Environmental Council of the States (ECOS) draft resolution on nuclear waste repositories. Mr. Takeshi Ota, of the Tokyo Electric Power Company (TEPCO) Nuclear Fuel Management Department, gave two presentations on the TEPCO response at the Fukushima Daiichi, Fukushima Daini and Kashiwazaki-Kariwa nuclear facilities after the Great East Japan Earthquake and Tsunami (Tohoku earthquake). Other presentations focused on the topics of the geopolitics of energy, uranium mining, low-level waste disposition and uranium hexafluoride (UF₆) deconversion, new power generation technologies, community support of nuclear facilities, interim storage, disposal/recycling and nuclear waste disposal options.

WIPP Oversight staff also attended the open house at URS Engineered Products Division.

Publications

Staff submitted the final report for National Emissions Standards for Hazardous Air Pollutants contaminants at WIPP Stations A and B for July through December 2011.

Staff submitted the final report, "Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-1," to DOE and NMED for public release.

Staff submitted a final report, titled "Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-2."

Staff submitted the final report, entitled "Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-3."

Staff submitted its final report on vegetation sampling for calendar year 2011, titled "Vegetation Sampling near the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for CY 2011."

EXHAUST AIR MONITORING PROJECT (WEA 72)

Under this Activity ID, Bureau staff monitors the exhaust air stream exiting the underground of the Waste Isolation Pilot Project site. Staff collects air filters daily and observes weekly or bi-weekly preventative maintenance probe pulls.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff continued National Emissions Standards for Hazardous Air Pollutants air filter collection at WIPP Station A (both primary and back-up) and Station B, observed preventative maintenance probe pulls and submitted reports for exhaust air monitoring for CY 2011 and 2012.

Underground continuous air monitors (CAMs) and Station D were operating during the time period. Mining is ongoing for the Salt Disposal Investigations (SDI) project with rib trimming at N-940 and probe hole drilling at E690.

Exhaust Air Monitoring

Bureau staff continues to collect air filters for National Emissions Standards for Hazardous Air Pollutants (NESHAP) contaminants at WIPP Station A, EPA compliance point, as well as from Station B. Skid A-3 is currently in service as the primary skid of reference, with Skid A-2 as the back-up.

Skid A-3 serves almost exclusively as the primary skid of record and Skid A-1 is secured from service. Skid A-2 serves as back-up. There are times when either Skid A-2 or A-3 must be removed for maintenance. During these times, Skid A-1 will be placed into operation, usually as the back-up. During this quarter, repairs were made to the flow-meter at Skid A-3.

This quarter, staff collected filters daily from Station A, and weekly from Stations B. Filters collected at Station A are compiled monthly and shipped to an independent contract laboratory where they are analyzed for radionuclides. Staff collects these filters during the standard work week; the Permittee's surface air monitor collects these filters over the weekends and holidays.

Station A air flow data is provided to the Oversight Bureau by the Permittees on a monthly basis. Staff reviews this data and compares it to the information recorded on the Chains of Custody, verifying its accuracy. There were no issues found this quarter arising from the air flow data review.

Staff submitted the final report for exhaust air monitoring data for July through December 2011. Results from the report:

- Uranium-234 (^{234}U) was detected in activities above the sample minimum detectable concentration (MDC) for the months of July and October, while uranium-238 (^{238}U) was detected in activities above the sample MDC for December. Carlsbad Environmental Monitoring and Research Center also reported these analytes were detected above the MDC for those months.
- Americium-234 (^{241}Am) was detected above the sample MDC for July and December. There was also detection in the sample blank. This is a recurring issue with which staff is working with the contract laboratory.

Staff prepared a draft report on Station A laboratory results for January through March 2012.

Preventative Maintenance Probe Pulls

Staff members regularly observe preventative maintenance probe-pulls at Station A for the cleaning of the shrouds and nozzles (the probe). Personnel representing the Permittees and Carlsbad Environmental Monitoring and Research Center (CEMRC) are also present. Regular removal and cleaning of the nozzles and shrouds minimizes the accumulation of salt and ensures a collection of a representative sample of particulates on the filter. As the shrouds are removed, staff members photograph the probes and these photos are forwarded to the EPA Region 6 in Dallas, Texas. The Permittees then measure any salt occlusion in the nozzles and forward this information to the Bureau. A nozzle occlusion in excess of 66.7% indicates a failure, with that station being unable to collect a representative air sample. Salt occlusion over 33 1/3 % on the shrouds indicates a shroud failure. However, this does not affect the collection of a representative air sample.

There were no failures encountered on any of the nozzles during this quarter. Failures did occur on the shroud of Skid A-1, but this skid was not in service during any of the failures.

Table WEA72-1. Percent salt occlusion for Station A, January 1 to June 30, 2012.

Date	% Occlusion of Nozzle			Comment
	Skid A-1	Skid A-2	Skid A-3	
January 4, 2012	11.54	25.35	29.05	Shroud on A-1 failed
January 18, 2012	10.96	22.66	22.68	Shroud on A-1 failed
February 1, 2012	15.19	18.75	23.61	Shroud on A-1 failed
February 22, 2012	9.90	21.80	83.03	Shroud on A-1 failed; nozzle on A-3 failed
February 29, 2012	38.73	14.86	16.52	Shroud on A-1 considered marginal.
March 14, 2012	10.32	8.77	11.11	Shroud on A-1 failed
March 28, 2012	12.98	16.09	19.29	Shroud on A-1 failed
April 11, 2012	13.10	14.32	13.15	Shroud on A-1 failed
April 25, 2012	26.55	16.60	15.92	Shroud on A-1 failed
May 9, 2012	26.37	11.17	13.22	Shroud on A-1 failed
May 22, 2012	18.10	17.10	15.05	All passed
June 7, 2012	7.33	6.84	9.07	All passed
June 27, 2012	36.32	14.00	19.76	All passed

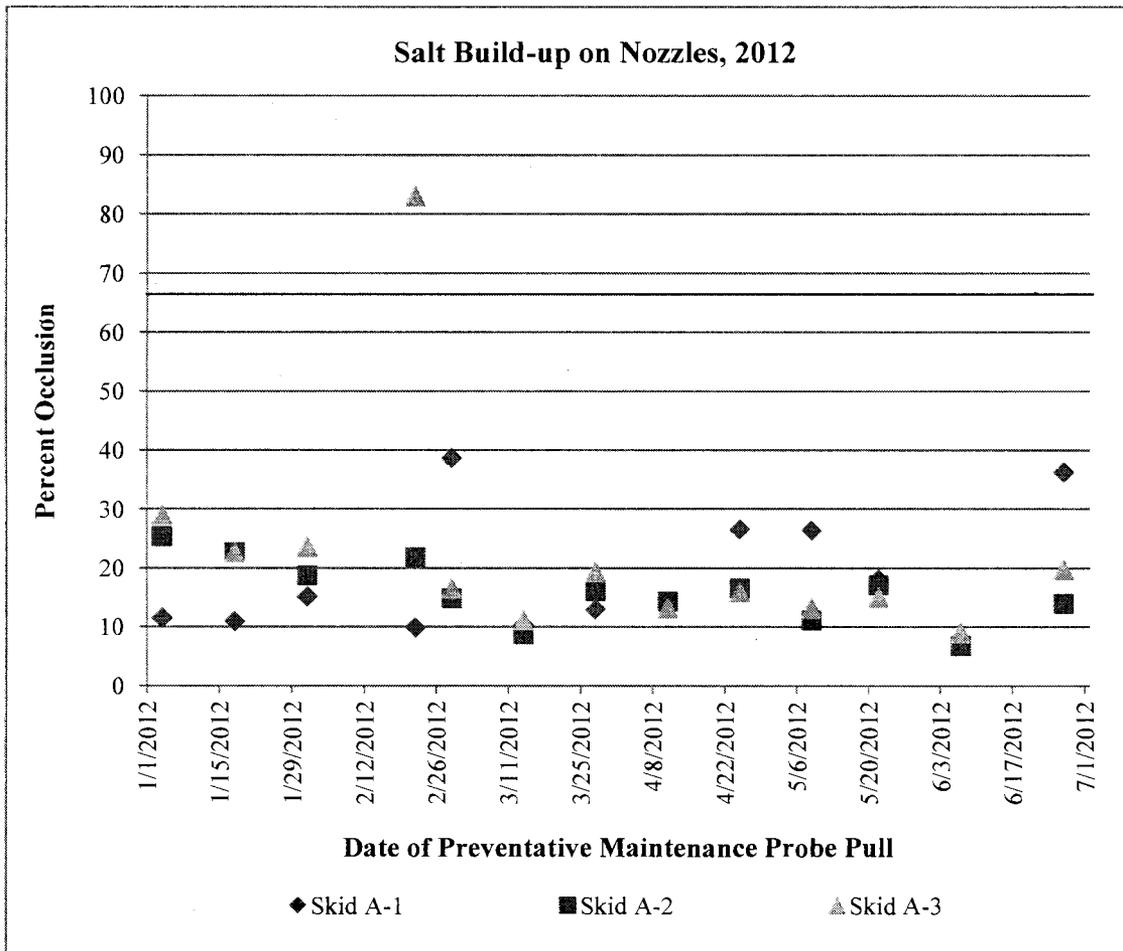


Figure WEA72-1. Scatter plot of salt build-up on nozzles for calendar year 2012. A nozzle occlusion in excess of 66.7% (red line in above graphic) indicates a failure, with that station being deemed unable to collect a representative air sample. The failure of the nozzle on Skid A-3, the primary skid of reference, can be observed on February 22, 2012.

In late April, a sub-contractor was present to clean the guide tubes with high-pressure water immediately after each probe was removed. This procedure is performed annually.

DIRECT PENETRATING RADIATION PROJECT (WDP73)

Under this Activity ID, Bureau staff monitors direct penetrating (gamma) radiation in the environment at Waste Isolation Pilot Project and in the vicinity for sourced or ambient gamma radiation using electret passive ion chambers. The electret passive ion chamber uses the principle of ion pair production resulting from gamma photons interacting with air molecules to reduce the voltage of a charged Teflon™ disk. Using a predetermined formula, the voltage drop indicates the amount of radiation passing through the chamber. The on-going program reads electret passive ion chambers at the end of each quarter, converts readings into quarterly dose values and submits quarterly results to the U.S. Department of Energy and the public.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff collected quarterly direct penetrating radiation, pressure and temperature measurements at electret stations located on-site and off-site the Waste Isolation Pilot Project, conducted routine monitoring and maintenance of electrets and submitted draft and final monitoring reports for CY 2011 and 2012.

Staff submitted the final report, “Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-1,” to DOE and NMED for public release.

Staff submitted a final report, titled “Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-2.”

Staff submitted the final report, entitled “Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-3.”

All final reports are available to government agencies and interested members of the public. These reports are provided to DOE, the State of New Mexico and federal agencies, the NMED website, and interested members of the public.

Staff submitted the draft report, entitled “Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2011 Q-4,” to DOE for review and comment.

Staff submitted a draft report, entitled “Direct Penetrating Radiation Monitoring at the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for the CY 2012 Q-1,” to DOE for review and comment.

To date, DPR monitoring results obtained by the Bureau do not show a trend of increased gamma radiation exposure at the WIPP.

A new monitor was placed at the new DOE Oversight Bureau office on Guadalupe Street in Carlsbad. The monitor at the Canal Street office was discontinued.

PARTICULATES LOW-VOLUME AIR PROJECT (WPL74)

Under this Activity ID, Bureau staff conducts continuous air monitoring to evaluate the presence of selected radioactive particles in the ambient air near the Waste Isolation Pilot Project.

Ambient air is sampled with continuously running, low-volume air samplers drawing air through particulate filters. The filters are analyzed for gross alpha and beta and the presence of gamma-emitting isotopes of americium, plutonium and strontium. Filter samples are submitted and analyzed quarterly and results are provided for the U.S. Department of Energy and the public.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff maintained five (5) low-volume air samplers at four (4) monitoring stations, collected bi-weekly filter samples, shipped filters to a contract lab for analysis and completed a draft data submittal for CY 2010 to CY 2012.

The WIPP Oversight Section had five (5) low-volume air samplers in operation during FFY 2012 Q-3. Four (4) air samplers are located at the WIPP site. One (1) sampler is co-located at the Tower Site for quality control purposes. The fifth sampler is at the Southeast Control Site, located approximately 12 miles upwind from the WIPP.

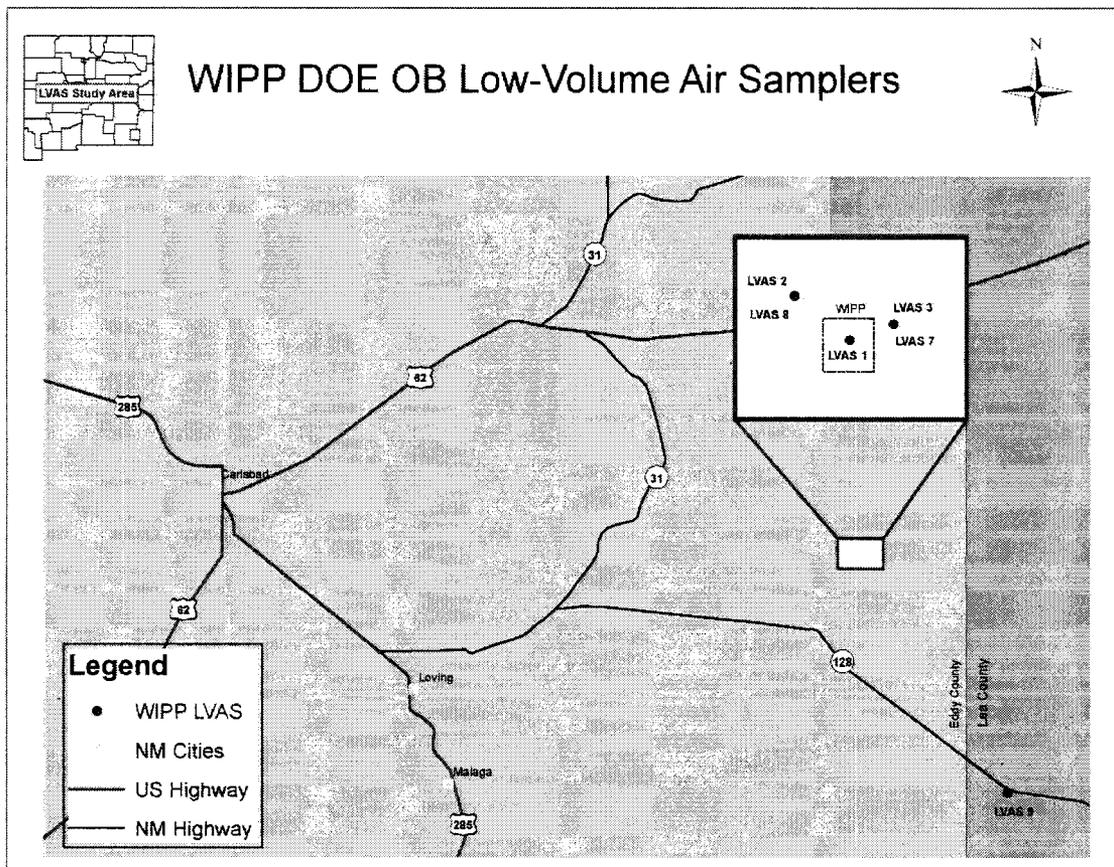


Figure WPL74-1. Low-volume air monitoring stations are located throughout WIPP and in the vicinity. Prepared by Chris Armijo.

Bureau staff collected filter samples bi-weekly. Staff performed preventative maintenance on several air sampling pumps. One (1) thermostat fan was replaced in preparation of the approaching hot weather.

Staff submitted draft reports of ambient air monitoring results for the period of CY 2010 Q-4 to CY 2011 Q-4 to the U.S. Department of Energy for review and comment. The only analyte of interest reported was cesium-137 during CY 2011 Q-1 and Q-2. It was accompanied by reports of cesium-134 and is attributed to the Fukushima Daiichi nuclear disaster following the Great East Japan Earthquake and Tsunami.

Staff shipped filters collected during CY 2012 Q-1 to an independent laboratory for analysis and drafted a report of the results for review.

Staff continually manages the ambient air program's documents, procurement, planning, database, and the maintenance of field equipment and sampling sites. In the ongoing effort to achieve standardization of data collection and reporting within the DOE Oversight Bureau, staff reformatted the Excel database to calculate temperature correction factors from HOB0® data loggers and to calculate pressure correction factors using location elevation.

GENERAL ER/EM PROJECTS (WGE75)

Under this Activity ID, Bureau staff conducts multi-media environmental sampling on a periodic basis, and provides technical review services to the U.S. Department of Energy, Waste Isolation Pilot Project and the public.

Quarterly Summary: During FFY 2012 Q-3, Bureau staff resumed volatile organic compound sampling in the mine, completed soil, sediment and vegetation sampling for CY 2012 and submitted the final CY 2011 vegetation sampling report.

Volatile Organic Compound Sampling

WIPP Oversight staff prepared a letter to the Permittees regarding plans for resuming volatile organic compound (VOC) sampling. The VOC sampling program was temporarily halted pending review of lab data and arranging for a new contract laboratory. The letter also sought to address concerns expressed by the Permittees as to why the DOE Oversight Bureau was continuing VOC sampling, the planned duration of the sampling and the frequency of sampling.

The Permittees are required by Part 4 of the Hazardous Waste Facility Permit to sample VOCs, and the Agreement-in-Principle between the U.S. DOE and the State of New Mexico stipulates the DOE Oversight Bureau's function.

Staff resumed VOC sample collection from the underground in late May, with a planned quarterly review of the project.

Vegetation Sampling

Staff submitted its final report on vegetation sampling for calendar year 2011, titled "Vegetation Sampling near the Waste Isolation Pilot Plant Conducted by NMED/DOE OB for CY 2011." Vegetation was collected from WIPP East, Mills Ranch, Southeast Control, and WIPP South. A field duplicate was also collected from WIPP South. Vegetation samples were analyzed for americium-241, cesium-137, plutonium-238, plutonium-239/240, uranium-234, uranium-235 and uranium-238. There were no detections of activity exceeding the sample minimum detectable concentration (MDC) for any of these selected analytes.

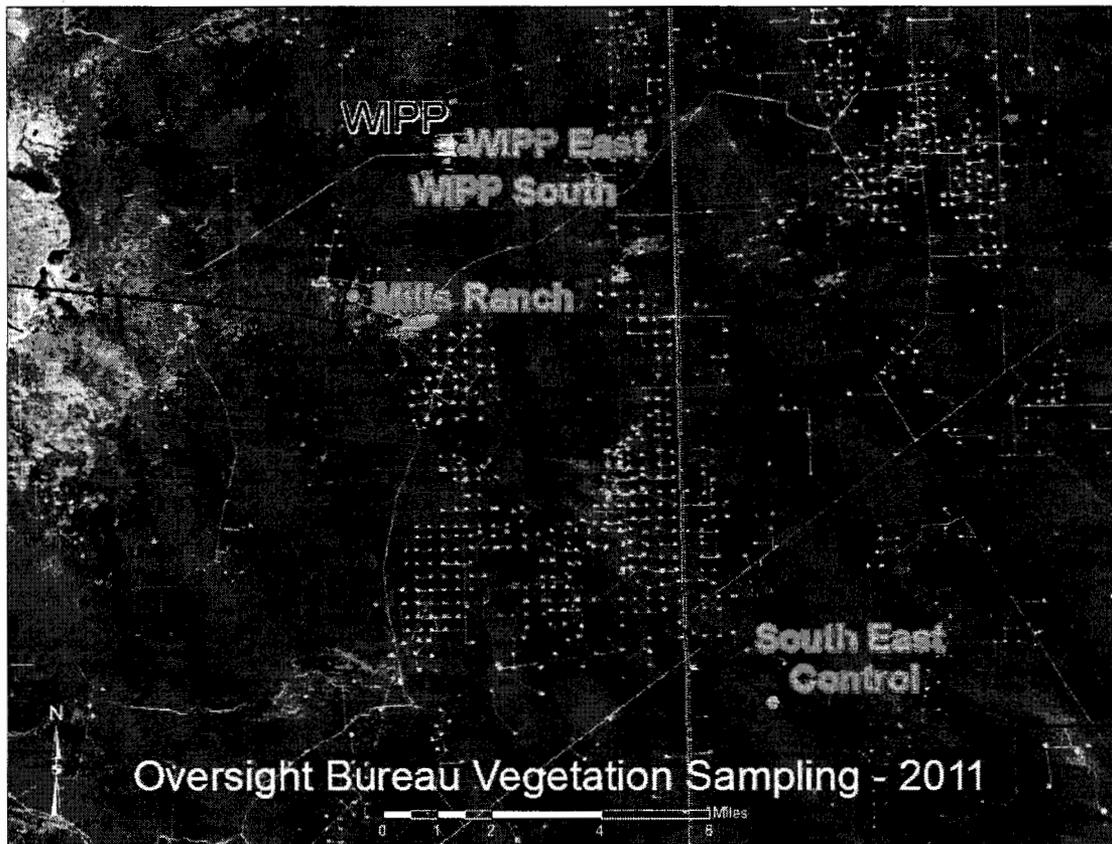


Figure WGE75-1. There were no detections of activity exceeding the sample minimum detectable concentration for CY 2011 vegetation samples at WIPP.
Prepared by Chris Armijo.

Staff completed CY 2012 vegetation sampling project. Vegetation was collected from the Noya Tank, Poker Tank, Farfield and WIPP North, with a field duplicate collected from WIPP North. Staff is currently reviewing the laboratory results for the CY 2012 vegetation sampling.

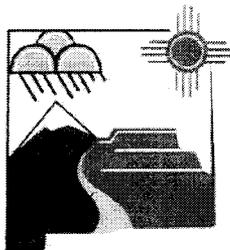
Soil and Sediment Sampling

Staff completed the CY 2012 soil and sediment sampling project. Sediment was collected from Noya Tank, Poker Tank, Lost Tank, Indian Tank, Hill Tank and Tut Tank, with a field duplicate

collected from Poker Tank. Soil was collected from Farfield, WIPP North, WIPP East and Smith Ranch. Staff is currently reviewing the laboratory results for the CY 2012 soil and sediment sampling project.

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NEW MEXICO RADIOACTIVE WASTE CONSULTATION TASK FORCE

119 Quarterly Report

July 19, 2012

Program/Project identification number and name of recipient:

DE-FC29-88AL53813
State of New Mexico
Radioactive Waste Consultation Task Force
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Program/Project Title and Project Director

Waste Isolation Pilot Plant Project: Enhancement of the State of New Mexico's Emergency Response Capability
Anne deLain W. Clark, Coordinator
New Mexico Radioactive Waste Consultation Task Force

Reporting Period

April 1-June 30, 2012

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NEW MEXICO DEPARTMENT OF PUBLIC SAFETY, MOTOR TRANSPORTATION DIVISION 7

NEW MEXICO ENVIRONMENT DEPARTMENT, RADIATION CONTROL BUREAU 9

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New Mexico Energy, Minerals and Natural Resources Department, WIPP Transportation Safety Program 119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by: Anne deLain W. Clark, Task Force Coordinator | anne.clark@state.nm.us | 505-476-3224

April

Ms. Porter and I attended the National Nuclear Fuel Cycle Summit in Carlsbad, April 2-5, where Governor Martinez, Dr. James Conca, and New Mexico cabinet secretaries John Bemis and Dave Martin all presented on the first day of the summit. The last day of presentations was closed with a sit down dinner and a keynote speech by Dr. Per Peterson, Professor and Chair, Department of Nuclear Engineering, UC/Berkeley, explaining, from the commissioner's perspective, key recommendations in the Blue Ribbon Commission on America's Nuclear Future final report.

Ms. Porter and I attended the 118th WIPP Quarterly meeting in Carlsbad, April 11-12. The meeting was unusually short, begging the question of the necessity of maintaining the meetings at a frequency of four times per year.

I am collaborating with representatives from Colorado and Missouri to rewrite a National Nuclear Propulsion Program (NNPP) factsheet for its spent fuel shipping campaign. The rewrite is based upon a template created by the National Transportation Stakeholders' Forum (NTSF) Ad Hoc Communications Working Group. The rewrite will be an example to Department of Energy (DOE) of how to apply the template, and was reviewed at the Knoxville NTSF meeting.

I collaborated with the Council of State Governments, Eastern Regional Conference Director of the North East High-Level Radioactive Waste Transportation Project on creating an evaluation tool for the Knoxville NTSF meeting. Planning Committee for the Knoxville NTSF meeting continued working on the evaluation tool through follow-up conference calls.

May

I finished the first draft of the Naval Nuclear Propulsion Program (NNPP) factsheet for its spent fuel shipping campaign. The rewrite was based upon a template created by the NTSF Ad Hoc Communications Working Group. The rewrite will be an example to DOE and NNSA on how to apply the template, and was reviewed at the Knoxville NTSF meeting.

Ms. Porter and I participated with the rest of the WIPP Working Group in an Open House of the New Mexico National Guard 64th Civil Support Team (CST) which helps first responders respond to hazardous materials incidents and accidents in the identification and monitoring of hazardous, chemical, biological, radiological and nuclear materials. We were given an overview of what the CST does, in-depth explanations of its equipment, and the capabilities and limitations of both.

The WIPP Working Group met in Rio Rancho to discuss the FY-13 budget request package recently provided by DOE. Most questions were easily answered and the team appeared ready to get the request in by May 23.

Ms. Porter and I attended the Western Governors' Association (WGA) WIPP Transportation Technical Advisory Group (TAG) and the NTSF meetings in Knoxville, Tennessee, May 15-17. After the NTSF meeting concluded, Ms. Porter and I toured the Oakridge National Lab.

TAG Meeting Notes: The TAG requested DOE to revise the Maintenance and Operations (MO) for WIPP to collect bad weather data and its effects on WIPP shipping. Bill Mackie reaffirmed that he would seek to alter the MO contractor's contract to begin collection of bad weather data. Any changes would take place after contract protest period has ended in the fall of 2012.

TAG continued its discussion on refining the annual carrier audit. Colorado noted that there are significant similarities in questions posed in the Independent Contract Carrier Review to those that may be selected for use in a U.S. Department of Transportation (DOT) Federal Motor Carrier Safety Administration (FMCSA) onsite focused investigation. Therefore, Colorado and Tennessee will propose to DOE that each state conduct the new FMCSA onsite focused investigation during the 2012/2013 review cycle. After these investigations are completed, the process and results will be assessed for acceptability in replacing the current Independent Contract Carrier Review.

The states and WGA agreed to review WGA and state responsibilities identified in the WGA TAG Operating Guidelines, and WGA will revise them as necessary.

Tag discussed the draft protocol developed from the February Security Communication Protocol meeting held in Albuquerque. Twelve states, two tribes, DOE Headquarters, DOE Carlsbad Field Office (CBFO), and the NNSA participated. Colorado volunteered to host an exercise and solicited input on its design. Nebraska, Iowa, and Idaho law enforcements volunteered to assist in planning the exercise, which is tentatively scheduled for fall 2012. DOE-CBFO will provide technical assistance and Texas will co-chair.

States advised that revisions are completed on the following sections of the Program Implementation Guide (PIG): Advance Notice, Medical Preparedness, Public Information, and Bad Weather. The Training section is still undergoing revision. High Quality Drivers and Carrier Compliance sections are awaiting the results from the trial utilization of FMCSA onsite focused investigation as a substitute for the existing Independent Contract Carrier Review. The new Safe Parking Form to be attached to Section 4 (Safe Parking) is completed and will be submitted with the other revisions. No other revisions are expected.

NTSF Meeting Notes: Keynote from Alice Williams, Associate Principal Deputy Assistant Secretary, Office of Environmental Management, covered challenges ahead for DOE, including processing liquid tank waste; deactivating, decommissioning a large number of facilities; disposal of Greater-than-Class C waste; storage and long-term management of mercury (non-radioactive) generated in the U.S. Presentation on the Web: <http://www.em.doe.gov/PDFs/Keynote%20Address.pdf>.

Sue Cange, Acting Manager, DOE's Oak Ridge Environmental Management Program, presented on the progress of Cleaning up the Oakridge site. Presentation on the Web: <http://www.em.doe.gov/Pages/Spring12NTSF.aspx>.

The Global Threat Reduction Initiative presentation gave an overview of the program, its progress, and the collaboration it has engaged in with key representatives from affected state regional groups. Presentation on the Web: <http://www.em.doe.gov/PDFs/Global%20Threat%20Reduction%20Initiative.pdf>.

DOE response to the Blue Ribbon Commission Report: Secretary Chu established a multi-tier, DOE task force to evaluate the recommendations and develop a strategy which will be provided to Congress in July 2012. Presentation on the Web: <http://www.em.doe.gov/PDFs/Task%20Force.pdf>.

June

Completed the budget request package and submitted it on June 1. Ms. Porter and I attended the Radioactive and Hazardous Materials Committee meeting on June 12. Conducted WIPP Working Group meeting on June 14 and discussed changes at the New Mexico Department of Transportation (NMDOT). Todd Wilson resigned his position with NMDOT on June 14 and did not attend the meeting; his interim replacement Bernie Padilla. This change has led to a considerable drop in communication between the Working Group and NMDOT.

WGA submitted comments on June 15 to DOE on Revision 3 of the WIPP Transportation Plan. These comments were substantially the same as those submitted in 2010. Ms. Porter and I participated in the last conference call pertaining to the NTSF Planning Committee for 2012. The call covered the tie-up tasks that have been completed or are still in process from the 2012 meeting. The next call will be focused on planning for the 2013 meeting.

I participated in the NTSF Communication Working Group conference call which covered: a Low Level Waste Factsheet that is completed, but not yet posted, and the decision to create a NTSF Newsletter. The crosswalk/template for writing DOE factsheets has been updated and the Writing Group (Anne deLain W. Clark, Tammy Ottmer of Colorado, and Jane Beetem of Missouri) is waiting for final feedback from the entire committee. The group is now working with Ray English of the Naval Nuclear Propulsion Program (NNPP) on creating the next version of the NNPP fact sheet. Comments on any of these documents are due back to the Writing Group by August 1, 2012.

New Mexico Department of Health, Epidemiology and Response Division, Bureau of Health Emergency Management 119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by: Tim Yackey, WIPP EMS Medical Preparedness Coordinator |
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April

April 2-6 – Met with the Assistant Director of the New Mexico Poison and Drug Information Center, the Director of Emergency Services at the University of New Mexico Hospital, and Anne Clark regarding upcoming meeting agenda for NTSF meeting in Knoxville, Tennessee, and also discussed the FY-13 budget. Submitted New Mexico Department of Health (NMDOH) FY-13 draft budget for review to immediate supervisor and Anne Clark. Inventoried storage shed and cleaned it up. Contacted 3M about defective Powered Air-Purifying Respirator Batteries shipped from Grainger two weeks ago and confirmed that the batteries are defective and will return for new batteries. Met with Stacye Bradley, Union County General Hospital Emergency Department Director, about scheduling training for the facility in the fall.

April 9-13 – Met with the new Disaster Planning Nurse at the Miner's Colfax Medical Center in Raton and the Raton Fire Chief, and conducted the *Decontamination and Personal Protective Equipment (PPE) Workshop* in Raton. Inspected the Miner's Colfax Medical Center's hazardous materials response equipment and supplies, and did a walk-through of the Emergency Department and Decontamination Room.

April 16-20 – Attended the Health Systems Preparedness Program section meeting. Spoke with Tammy Ottmer, Colorado WIPP Coordinator, about the Action Plan of the WIPP Program Implementation Guide and how National Incident Management System (NIMS) should fit into the plan. Also spoke to Pete Reinschmidt, Nevada Emergency

Management, about NIMS and the WIPP Program Implementation Guide (PIG). Christus Saint Vincent Regional Medical Center requested training that will be scheduled over the summer. Conducted the *Decontamination and PPE* Workshop in Los Alamos at the hospital.

April 23-27 – Conducted the *Decontamination and PPE* Workshop in Roswell at the Lovelace Regional Medical Center. Inspected the Lovelace Regional Hospital's Hazmat Response equipment. Inspected the Eastern New Mexico Medical Center's Hazardous Materials Response Equipment and provided Respiratory Protection and one case of coveralls for training and exercises. Attended the Health Systems Preparedness Program section meeting. Met with immediate supervisor and discussed WIPP budget. Spoke with the Christus Saint Vincent Regional Medical Center and confirmed training scheduled for June 2012. Rescheduled training for Los Alamos Medical Center for June 2012.

April 30-May 4 – Observed the Hazmat Exercise conducted at Christus Saint Vincent Regional Medical Center and made recommendations for improvement. Conducted the *Decontamination and PPE Workshop* at the Guadalupe County Hospital and met with hospital staff concerning their radio communications equipment and replacing the radio in the emergency department used to communicate with ambulances.

May

May 7-9 – Attended the Health Systems Preparedness Program section meeting featuring the 64th Civil Support Team's presentation on its Roles and Capabilities for Weapons of Mass Destruction. Attended the WIPP Working Group Meeting. I took annual leave May 10-11.

May 14-18 – Attended the NTSF meeting in Knoxville, Tennessee.

May 21-25 – Completed rework of FY-13 budget and submitted to Anne Clark. Attended the Health Systems Preparedness Program section meeting. Met with Bureau of Health Emergency Management Bureau Chief about my program. Conducted the *Decontamination and PPE* Workshop at the Lovelace Medical Center in downtown Albuquerque.

May 29-30 – Attended the Health Systems Preparedness Program section meeting. In the office these two days completing training confirmation and preparation for exercises and training to be conducted next week. I was on annual leave and holiday this week.

June

June 4-8 – Attended the Health Systems Preparedness Program section meeting. Served in the capacity of observer/evaluator for tabletop exercise conducted for north central New Mexico hospitals including Los Alamos, Santa Fe, Espanola and Las Vegas. Served as the NMDOH Emergency Operations Center Representative this week. Packed truck for workshops to be conducted in two weeks.

June 11-15 – Attended the Health Systems Preparedness Program section meeting, the Radioactive and Hazardous Materials Committee meeting at the capitol building in Santa Fe, and the WIPP working group meeting. Participated in the state Emergency Operations Center (EOC) tabletop exercise held at the Santa Fe Community College with Department of Homeland Security Emergency Management and other state agencies. Assisted with the response to a fire near Ruidoso.

June 18-22 – Attended the Health Systems Preparedness Program section meeting. Conducted the *Hospital Decontamination and PPE* workshop at the Christus Saint Vincent Regional Medical Center and at the University of New Mexico Hospital. Attended a meeting in Las Vegas, NM, for final preparations for the full scale hazmat exercise scheduled for August 2, 2012. Prepared the vehicle assigned to my program for its preventative maintenance cycle, and picked up three cases of 2012 Emergency Response Guides to be used for training.

June 25-29 – Attended the Bureau of Health Emergency Management all-staff meeting and picked up new access keys, key cards and proximity badges. Attended the Health Systems Preparedness Program section meeting. Attended the NMDOH operations center and regional operations center overview training. Met with the Environment Department's WIPP Coordinator to review the new Ludlum 26 instruments. Met with New Mexico Occupational Safety and Health Administration (OSHA). Conducted inventory of office items related to telecommunications and IT equipment. Served as the NMDOH Emergency Operations Center Representative this week.

New Mexico Department of Public Safety, State Police, Special Operations Section 119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by:
Lieutenant Geno H. Trujillo, Hazardous Materials Coordinator |
geno.trujillo@state.nm.us | 505-476-9682

April

Completed and submitted the quarterly report for the January-March time period. Began working on Internal Purchase Requisitions (IPR) and prepared the Hazmat Coordinator unit for servicing. Attended the Hazardous Materials/Local Emergency Planning Committee (LEPC) Conference. Completed travel request for Knoxville, Tennessee. Worked on IPRs for office supplies. I had a conference meeting with Captain Waring and Major Umprovitch. Completed Intra-Departmental Correspondence (IDC) for Major Umprovitch in preparation for the budget. I contacted Captain Miller requesting Sergeant Burk to assist with Emergency Support Function work. Worked on journal entries. Set up a WIPP tour for Emergency Response Officers (ERO) and headquarter EROs. Toured the "Old Main" facility at the state prison. Had a conference with staff in purchasing and finance. Attended a week long training in San Diego, California.

May

Finished a week long training in San Diego. Had a conference with Lieutenant Pat Garret and Lieutenant Eric Garcia concerning the District EROs. Completed journal entries for February and March. Coordinated with Aquila Travel, Signet, and hotel, because a State Police officer was involved in a crash and was not able to attend training in San Diego. Attended presentation by National Guard 64th CST in Rio Rancho. I attended a WIPP meeting. Worked on per-diem, and checked on status of IPRs and journal entries for April. Sent information via email for all emergency response officers to attend LEPC conference. Picked up supplies from headquarters. I had a conference with staff in purchasing and finance. I attended the NTSF Conference in Knoxville, Tennessee. I contacted Captain Dina Orozco concerning reckless and careless drivers near the WIPP facility and she advised that she would increase the patrols in the area. Assisted the Fusion Center by running information checks on individuals in the absence of Captain Waring. Worked on the budget proposal for 2013. I attended the Nuclear Regulatory Commission (NRC) meeting at the Department of Homeland Security and Emergency Management (DHSEM). Confirmed that the headsets came in for the dispatch centers in Albuquerque and Santa Fe. I had a conference with Senior Patrolman Audi Miranda referencing the recent hazmat incident in District-5. Abandoned glass containers containing hazardous materials (sulfuric acid) were found near Las Cruces and I coordinated with ERO Frieda Hall on the clean-up and removal. Helped coordinate State Police personnel presence for Catron County due to the fire. I met with Don Scott,

Recovery Bureau Chief at DHSEM, over recent events and a request for a loaner police unit to replace the police unit in Catron County that was damaged in an accident. Spoke with Major Quinones and requested the number of recruits trained in Incident Command System (ICS) and/or hazmat training. Reported the numbers of personnel trained by Mr. Miguel Vigil and forwarded the above information to Anne Clark.

June

I took one week annual leave. I attended Equal Employment Opportunity Commission (EEOC) briefing, and the Radioactive and Hazardous Materials Hearing at the state capitol, which was followed by a brief WIPP working group meeting. Attended the tabletop exercise for emergency support function at the Santa Fe Community College. Provided assistance via telephone with tabletop exercise in Deming involving a mock train derailment. Attended WIPP meeting. Worked on journal entries for May and began budget preparation for upcoming meeting. Met with Major Umprovitch, Captain Waring and Mr. Tony Flores. Worked on IPR for computer applications. Took assigned vehicle in for recall work. Had a conference with Captain Waring regarding Strategic National Stockpile Program. Spoke with Bill Mackie regarding fatal accident near WIPP site. Spoke with Francesca Fernandez and Captain Waring regarding the Skills Manager database. Had a conference with Miguel Vigil and picked up certifications from last class. Assisted Lieutenant Eric Garcia loading rifle racks. Requested secure conference room for meeting in July with Colorado State Patrol concerning WIPP issues. I assisted in the training of Officer Kenneth Martinez with picking up ICS training materials and unloading at DHSEM. I attended a follow-up meeting with Major Umprovitch, Captain Waring and Mr. Tony Flores concerning budget issues.

New Mexico Department of Public Safety, Motor Transportation Division 119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by:
Roseanne Madrid, Coordinator of WIPP Shipment Inspections
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Pre-Trip inspections, both radiological and mechanical, Commercial Vehicle Safety Alliance (CVSA) Level VI have been conducted at the Los Alamos National Security, LLC (LANS) on all 41 WIPP shipments originating in the State of New Mexico during the quarter of January 1-March 31. Of those inspections, only one had a Level VI violation. The violation was minor and did not result in a vehicle being placed out-of-service. En-route inspections, both radiological and mechanical, CVSA Level VI or II have been conducted for all WIPP shipments entering the State of New Mexico during the current quarter: Idaho National Laboratory (INL) – 73 and Savannah River Site (SRS) – 34.

During the quarter, Motor Transportation Division (MTD) personnel found violations of Federal Motor Carrier Safety Administration (FMCSA) regulations on *one* of these WIPP shipments which resulted in one vehicle violation and did not result in the vehicle being placed out-of-service. (See addendum at the end of this document.)

MTD reviewed the number and level of inspections performed on WIPP shipments to determine the percentage of Level VI inspections for the quarter. During the October-December quarter, 43 percent of the 107 shipments were Level VI.

April

April 2-6 – Andy Walker, Transportation Logistics Manager, DOE/CBFO, let me know of a Coring Lot shipment that will be departing to INL and traveling to SRS. The shipment will follow all the same approved routes as INL to WIPP, then from WIPP to SRS on the SRS approved route. I transferred two Ludlum instruments with District 3; Officer Shane Phipps and I picked up the calibrated instruments and delivered them to the MTD Police in Roswell. Traveled to LANS to conduct a Level VI inspection at the Radioassay and Nondestructive Testing (RANT) Facility TA54. Ms. Diana de la Rosa requested a biography on Officer Mark Madrid who presented at the 2012 Hazmat EXPO. Sent out 23 RadEye Personal Radiation Detection (PRD) devices and RadEye Gs for recalibration; the purchase order was paid with MTD WIPP funds.

April 9-13 – Attended LEPC Conference in Albuquerque. Officer Mark Madrid attended the 2012 Hazmat EXPO in Albuquerque and gave a presentation on behalf of MTD Police.

April 16-20 – I sent out Ludlum instruments for recalibration to Ludlum Measurements in Sweetwater, Texas. I traveled to LANS to conduct Level VI inspections on April 17 and April 19 at the RANT Facility TA54.

April 23-27 – I attended the 2012 CVSA Workshop in Bellevue, Washington.

April 30-May 4 – I ordered hazmat books for the General Hazmat Training scheduled for May 7-11. DOE completed the cleanup of Transuranic (TRU) waste at Sandia National Laboratories and four shipments of Remote-handled TRU waste arrived at WIPP. Sargent David Abeyta, Officer Alejandro Chavez, and Officer Brigit Ramirez assisted with conducting the four Level VI inspections of Sandia National Lab shipments. I traveled to LANS to conduct Level VI inspections on May 2, 3, and 4, at the RANT Facility TA54. I attended the Realistic and Adaptive Interactive Learning System (RAILS) meeting in Santa Fe at the MTD Police Headquarters. A RAILS is a 3-D Video game to train nuclear detection techniques. The presentation was on behalf of DHSEM and Domestic Nuclear Detection Office (DNDO). RAILS will become a training package for MTD Police.

May

May 7-11 – I attended the General Hazmat Materials Course in Anthony, New Mexico, and attended the tour of the National Guard 64th CST and met with the WIPP working group. I traveled to LANS to conduct Level VI inspections on May 10 and May 11 at the RANT Facility TA54.

May 14-18 – I traveled to LANS to conduct Level VI inspections on May 17 and May 18 at the RANT Facility TA54 and then again on May 21. Purchased 185 new editions of the 49 Code of Federal Regulations (CFR) Parts 100-185 Hazardous Materials Regulations handbook. The hazmat handbooks will be issued to certified hazmat personnel. I purchased two Bone Creepers for myself and an assistant who helps with Level VI inspections at LANS. The bone creeper has large six-inch wheels that roll over rocky and bad surfaces that contain loose gravel type materials and potholes. I purchased three new laptops to replace the laptops with inoperative keyboards. The Hazmat Team will use the computers to teach the Level VI and Hazmat refresher courses.

May 21-25 – I traveled to LANS to conduct Level VI inspection on May 24 at the RANT Facility TA54 and completed journal entries for the pay periods ended 03/16/12, 03/30/12 and 04/13/12; sent to DPS for processing. Attended General Hazardous Materials On-Job-Training in Anthony, NM. The training focused on learning how to conduct and what to look for on a Hazmat inspection.

May 29-June 1 – Motor Transportation Police Division named Eric Shelton as its new Chief of Police. I traveled to LANS to conduct Level VI inspection on May 31 and June 1 at the RANT Facility TA54. Completed journal entries for the pay period ended 04/27/12 and sent to DPS for processing.

June

June 4-8 – I completed the budget request for FY-13 and sent to Anne Clark. Traveled to LANS to conduct Level VI inspection on June 5 and again on June 7 at the RANT Facility TA54. Completed journal entries for the pay period ended 05/11/12 and sent to DPS for processing. I attended the WIPP Working Group Meeting.

June 11-15 – I received query report for the WIPP Grant and reviewed the paperwork concerning WIPP grant monies. I completed journal entries for the pay period ended 05/25/12 and sent to DPS for processing. I traveled to LANS to conduct Level VI inspection on June 12 and June 14 at the RANT Facility TA54.

June 18-22 – I traveled to LANS to conduct Level VI inspection on June 19 and June 21 at the RANT Facility TA54. I reviewed the 7 Pilot Study Draft and forwarded it up the chain of command for further input. Completed journal entries for the pay period ended 06/08/12 and sent to DPS for processing.

June 25-29 – Tim Yackey, WIPP/Hazmat Medical Preparedness Coordinator, and I picked up the 240 ERGs from DHSEM. ERGs were delivered to the Anthony port-of-entry and the San Jon port-of-entry. I mailed ERGs to the following ports-of-entry: San Jon, Alamogordo, Raton, Roswell and Gallup. I traveled to LANS to conduct Level VI inspection on June 28 at the RANT Facility TA54.

New Mexico Environment Department, Radiation Control Bureau Project Status Report

Unless otherwise noted, all activities in this section were performed by:
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| 505-476-8609

The New Mexico Department of Health, Bureau of Health Emergency Management, and New Mexico Environment Department's Radiation Control Bureau sponsored 11 Operations Level WIPP/Hazardous Materials Hospital Training Workshops at: Miner's Colfax Hospital (Raton), Los Alamos Medical Center, Lovelace Regional Hospital (Roswell), Guadalupe County Hospital (Santa Rosa), Lovelace Medical Center (Albuquerque), Christus Saint Vincent Regional Medical Center, and the University of New Mexico Hospital. The training focused on the emergency response awareness and implementation of established procedures in dealing with patients who might be contaminated with hazardous or radioactive materials. Areas of concentration were: proper use of PPE, respiratory protection, radiation instrumentation usage and patient decontamination procedures, proper hospital emergency room preparations, discussion of hospital emergency response plan, and proper use and set-up of decontamination shower. The course is approved for four hours of Continuing Education Units (CEU) through the New Mexico Nursing Association and two Category-A CEUs for hospital radiology department personnel.

For the fiscal year commencing July 1, 2011, and ending on June 30, 2012, the WIPP coordinators of the New Mexico Environment and Health departments trained a total of 639 hospital and emergency responders. The breakdown is as follows:

Workshop Training Totals - 7/1/2011-12/1/2011	
Job Description	Number Trained
Nurses	101
Nurse's Assistant, Health Tech	14
Firefighter, EMT, Paramedic, ER Tech, OR Tech	64

Workshop Training Totals - 7/1/2011-12/1/2011	
Job Description	Number Trained
Security Officer, Law Enforcement and Emergency Management	32
Maintenance, Plumber, Plant Operations, Facilities, HVAC Tech, Mechanic	31
EVS Housekeeping, Food and Nutrition Services, Dietary	21
Radiologic Technologist, Nuclear Medicine Tech, Physicist, Ultrasound Tech	13
Medical Records Clerk, Billing Clerk, Reimbursement, Civil Air Patrol, Volunteers	14
Lab Technologist, Histologist, Respiratory Therapist, Pharmacist, Physical Therapy	14
Physician's Assistant, Nurse Practitioner, Doctor	4
Student, Other, Guest	20
TOTAL	328

Workshop Training Totals - 7/1/2011 thru 12/1/2011	
Job Description	Number Trained
Nurse	81
Emergency Medical Technicians - all levels of licensure	50
Emergency Physician	1
Security Officer and Law Enforcement	12
Maintenance	25
Firefighter	42
Radiology, Nuclear Medicine, Ultrasound and CT Scanner Technologist	18
Mental Health, Social Worker and Activities Director	5
Physical, Rehabilitation, Occupational, Speech Therapist	10
Hospital Administrative Type Positions	32
Laboratory Staff	4
Housekeeping	13
Nurse Tech, Certified Nurse's Assistant, Patient Care Tech	14
Dietician	2
Pharmacist and Pharmacy Tech	4
Respiratory Therapist	5
State Government Attendee	3
Hospital Senior Management	3
Emergency Management and Safety Officer	6
Medical Assistant	2
Cardiology Technician (Cath Lab)	1
TOTAL	311

The NMED WIPP coordinator sponsored a tour on May 8 of the New Mexico National Guard's 64th CST operations for the WIPP Task Force coordinators. The tour included a brief overview of CST's mission to the country and the State of New Mexico. More importantly, emergency response and equipment capabilities were exhibited by the 64th's personnel. The New Mexico 64th CST is under the control of the state's National Guard Adjutant General. The New Mexico 64th CST's mission is to respond to actual or suspected Weapons of Mass Destruction (WMD) events; provide special security event pre-screening; provide response to high profile potential rich environments (political, cultural, sporting events, etc.); and provide training to enhance capabilities of first responder agencies. The CST is a

valuable resource and many WIPP Task Force agencies have been involved at real hazardous material incidents. This tour provided a great interactive opportunity to share insights and expertise and a get-to-know among emergency responders.

New Mexico Public Regulation Commission, State Fire Marshal's Office, WIPP Fire Service Support Bureau 119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by:
Dolores Baca, Coordinator of WIPP Route Fire Department Training and Joint
Power Agreements (JPA) | dolores.baca@state.nm.us | 505-827-3750

April

Review of third quarter WIPP reports; filed reports and correspondence in WIPP files. Responded and approved equipment purchases for Chavez County and the City of Artesia. Traveled to Grants and Milan, New Mexico, and performed fire department inspections of main station and substation. Performed equipment inventory of items purchased with WIPP monies. Attended the Local Emergency Planning Committee conference in Albuquerque; the conference exhibited the Tru Pac III container. Numerous attendees took advantage of the tour of the shipping package on display in the venue's parking lot. Traveled to San Miguel County and participated in fire department inspection of El Pueblo and Villanueva fire departments. The El Pueblo Fire Department is approximately five miles from the I-25 corridor and on the WIPP route. Personnel have engaged in in-house training for hazmat. A desire to participate in Hazmat Awareness and Operations was expressed. The fire chief is working to enroll volunteers in a class at the Fire Academy pending approval from the San Miguel County Fire Marshal. At the New Mexico Fire Training Academy in Socorro, New Mexico, I coordinated the training in Hazardous Materials Awareness and Operation of 26 volunteer firefighters from various fire departments in Bernalillo County. I reviewed periodicals and emails referencing WIPP activity and correspondence from Anne Clark.

May

I traveled to Roswell to meet with Ms. Georgianna Hunt and discussed training and equipment needs, and WIPP expenditures. I attended the presentation by the National Guard 64th CST of its equipment, bio-labs, decon-stations, and communications unit. Reviewed email messages and articles submitted by Anne Clark. Traveled to Roswell to meet with Chief Chad Hamill and Devon Graham and discussed training benchmarks and equipment needs. Responded and approved equipment purchases for the City of Hobbs. I reviewed WIPP-DOE budget requests for FY-13. I conducted historical research on past expenses, future goals of the WIPP Coordinator and potential expenses for FY-13. Prepared and submitted budget request to Anne Clark. I traveled to Knoxville, Tennessee, to attend the NTSF meeting. I traveled to Hobbs to meet with Lt. Joseph Vasquez and discussed current training needs for hazmat personnel. I attended the WIPP working group meeting. Coordinated training for 25 members of Dona Ana County volunteer fire departments in Hazardous Materials Awareness and Operations (40 hours). I reviewed periodicals and email referencing WIPP activity.

June

I coordinated training for 40 members of the: Gallup, Navajo Estates, Vanderwagen, Abeytas, Rio Grande Estates, Wild Horse, Dulce, Valencia County, Chamberino, Silver City, Sunshine, Pinos Altos, Savoy Volunteer, Sedillo

Creek, Santa, Tijeras and Sapillo Creek fire departments and volunteer fire departments in Hazardous Materials Awareness and Operations (40 hours). I coordinated training for 15 Albuquerque Fire Department (AFD) personnel in 24-hour WMD sampling class. Five City of Albuquerque firefighters enrolled in Advanced Hazmat Life Support training at the University of New Mexico. Nine personnel from the AFD also participated in a 40-hour Chemistry of Hazardous Materials course offered by AFD personnel. In addition, 66 Task Force personnel attended Mass Decontamination Training at the AFD Academy. Task Force members who are at the Hazmat Technician level participated in training on new weather stations that have the capability of detecting and measuring radiation in the air. 65 paid and volunteer Santa Fe County personnel participated in a WMD Radiological/Nuclear Responder Operations Course. I traveled to the Eldorado Volunteer Fire Department to conduct an inspection of the department. While I was there a hazmat emergency call was dispatched to the Eldorado Volunteer Fire Department and I observed the department's response to the incident. The Eldorado Fire Department is well equipped to respond to any emergency. It is an active department with numerous members who are committed and dedicated to the life and safety of their community. They were well organized and sought expertise from City of Santa Fe, FBI, Bomb Squad and the Santa Fe County Sheriff's Office. The hazmat incident involved a large (5-gallon) abandoned container of commercial strength peroxide. I traveled to Las Vegas, New Mexico, to meet with Russell Pacheco of the San Miguel County Emergency Manager's Office. He conveyed the desire of volunteer members to participate in decontamination, hazmat awareness and operations training. I traveled to Vaughn, New Mexico, to meet with Chief Owens, who requested a face-to-face visit and expressed his department's desire to train in hazmat awareness and operations. Met with a member (Marty Pacheco) of the NMDOT who expressed his interest in meeting the Vaughn volunteers and demonstrating how Level VI inspections are done. A date is yet to be determined. I traveled to Grants, New Mexico, to meet with Chief Tony Boyd and discussed the closure of the Western Route from Albuquerque and conveyed the message of funding termination. I traveled to Carlsbad, New Mexico, meet with Phyllis Smedley and discussed WIPP expenditures and equipment purchases. Met with Robert Brader and expressed my concern that he has not spent any of the WIPP money for the last several years. I also expressed my disappointment in his failure to comply with the WIPP Joint Power Agreements (JPA) reporting requirements. While in Carlsbad, I was introduced to the Assistant Chief Rick Lopez. Chief Lopez will assume the position of Fire Chief in December when Chief Michael Reynolds retires. I traveled to Roswell to meet with Georgianna Hunt. Responded and approved equipment purchases for the City of Hobbs. I reviewed WIPP fourth quarter reports submitted by counties and municipalities and prepared fourth quarter report for Anne Clark.

New Mexico Department of Homeland Security and Emergency Management

119 Quarterly Report

Unless otherwise noted, all activities in this section were performed by: Don Shainin, Coordinator for Emergency Response Training (non-medical) | don.shainin@state.nm.us | 505-476-9628

April

April 2-6 – Sent Ludlums out for recalibration; worked on previous quarterly report; set up radiation specialist course for AFD.

April 9-13 – Preparedness unit meeting; set up trip to Santa Rosa, Puerto De Luna, Roswell and Carlsbad; attended the LEPC conference and spoke on WIPP program.

April 16-20 – Sent out Nordion shipments notices; worked on WIPP website; traveled to Santa Rosa, Roswell and Carlsbad for meter exchanges.

April 23-27 – Attended all-staff meeting; conference call with FEMA; shipped out Ludlums for recalibration; received new Emergency Response Kits (ERK); worked on inventorying new ERKs.

April 30-May 4 – Assisted Santa Fe County with Counter Terrorism Operations Support (CTOS) training 60 paid staff and 80 volunteer staff; sent out Nordion shipment notices; exchanged Ludlum with Santa Fe Indian hospital; set up new ERK for distribution to fire service agencies along the WIPP route.

May

May 7-9 – Exchanged Ludlums for Bernalillo County Fire, Albuquerque Fire and Albuquerque Police; set up tour of WIPP site for State Police; worked on new budget for DHSEM WIPP program; assisted new Hazmat Coordinator.

May 14-18 – Worked on FY-13 DHSEM WIPP budget; worked on training numbers for WIPP; assisted new hazmat coordinator.

May 21-25 – Took training in Foundational Concepts of Chemistry; worked on training numbers; sent out Nordion shipment notices; worked on FY-13 WIPP budget; attended meeting with Nuclear Regulatory Commission at DHSEM.

May 29-30 – Trained new hazmat coordinator; took annual leave; worked on new meter training program.

June

June 4-8 – Sent out Nordion shipment notices; assisted new hazmat employee with program; work on DHSEM WIPP website; worked on training program for new meters.

June 11-15 – Attended preparedness unit meeting and the Radioactive and Hazardous Materials Committee meeting at the capitol building in Santa Fe; sent out Nordion shipment notices; and sent ERGs to WIPP site.

June 18-22 – Sent out Nordion shipment notices; worked in EOC; set up hazmat training for Artesia Fire Department.

June 25-29 – I was on annual leave this week.

Glossary

AFD - Albuquerque Fire Department
CBFO – Carlsbad Field Office
CEU – Continuing Education Unit
CFR - Code of Federal Regulations
CST - Civil Support Team
CTOS - Counter Terrorism Operations Support
CVSA - Commercial Vehicle Safety Alliance
DOE – Department of Energy
DHS - Department of Homeland Security
DHSEM - Department of Homeland Security Emergency Management
DNDO - Domestic Nuclear Detection Office
DOT – Department of Transportation
DPS – Department of Public Safety
EEOC - Equal Employment Opportunity Commission
EOC - Emergency Operations Center
EM – Emergency Management
ERG - Emergency Response Guides
ERK – Emergency Response Kits
ERO - Emergency Response Officers
FEMA – Federal Emergency Management Agency
FMCSA - Federal Motor Carrier Safety Administration
FY – Fiscal Year
ICS - Incident Command System
IDC - Intra-Departmental Correspondence
INL – Idaho National Laboratory
IPR - Internal Purchase Requisitions
IT – Information Technology
JPA - Joint Powers Agreement
LANS - Los Alamos National Security, LLC
LEPC - Local Emergency Planning Committee
NMDOH - New Mexico Department of Health
MO - Maintenance and Operations
MTD – Motor Transportation Division
MTPD - Motor Transportation Police Division
NIMS - National Incident Management System
NMDOH - New Mexico Department of Health
NMDOT – New Mexico Department of Transportation
NMED – New Mexico Environment Department
NNPP - Naval Nuclear Propulsion Program
NNSA - National Nuclear Security Administration
NRC - Nuclear Regulatory Commission
NTSF - National Transportation Stakeholders' Forum

OSHA - Occupational Safety and Health Administration
PIG - Program Implementation Guide
PRD - Personal Radiation Detection
PPE - Personal Protective Equipment
RAILS - Realistic and Adaptive Interactive Learning System
RANT – Radioassay and Nondestructive Testing
SRS – Savannah River Site
TAG - Technical Advisory Group
TRU - Transuranic
WGA - Western Governors' Association
WMD - Weapons of Mass Destruction
WIPP – Waste Isolation Pilot Project

Department of Public Safety
 Motor Transportation Division
 WIPP Shipment Violation/OOS Report

Addendum

Date	Inspection Form #	Description of Violation/Out-of Service	INSP LVL	DRV VIO	VEH VIO	LVI OOS	Shipmts involved	NAS VIO	NAS OOS	CastSp	Inter-Vent
2/23/2012	NM351160271	Inspection, repair & maintenance of parts & accessories - HUBOMETER BOLTS LOOSE/MISSING - axle 4 right 2 of 3 missing, 1 of 3 loose	6		1		1	1			1
3/28/2012	NM3547100452 LANL	Mis-matched brake chambers on same axle, #5 left has 24/24 and right has 30.	6		1		1	1			1
			INSP LVL	DRV VIO	VEH VIO	OOS LVI	Shipmts involved	NAS VIO	NAS OOS	CAST	Inter-Vent

Legend Key:

DRV VIO = Driver violations detected

VEH VIO = Vehicle violations detected

OOS LVI - Out-Of-Service as per the CVSA Level VI Criteria Only

Shipmts involved = Number of shipments which had either a driver or vehicle violation

NAS VIO = Number of Federal Motor Carrier Safety Regulation Violations as per the North American Standard (applies to all CMVs)

NAS OOS = Number of Out-Of-Service Violations as per the North American Standard (applies to all CMVs)

CAST = Number of shipments found with violations when CAST Transportation was carrier.

Tri-State = Number of shipments found with violations when Tri- State Motor Transit was carrier

Other = R & R Trucking, Hittman Transport Services, Inc., & Ontario LTD.