

Feldt, Alfred

From: Jackson, Janice Gilbert (GTL) [gilbertjm@y12.doe.gov]
Sent: Monday, December 17, 2007 3:27 PM
To: 'Martin, Richard W'; Donnelly, J (YXZ)
Cc: 'mike'; Patterson, Aprell L (AP5); 'Anne'; 'Sara C'; Nichols, Danny (2NN); 'Klem, Missy'
Subject: FY 2007 Y-12 Waste Generation, Site Profile, Affirmative Procurement, Accomplishments, and P2 Award Nominations Reporting Complete

Richard and Jim,

1. The Y-12 Pollution Prevention Program compiled, submitted, and approved the fiscal year (FY) 2007 Y-12 Pollution Prevention Accomplishments Report and Y-12's FY 2007 Site Pollution Prevention Profile on the U.S. Department of Energy Pollution Prevention homepage. We have met the December 31, 2007 deadline for data entry and approval. Reported accomplishments included completed Y-12 pollution prevention projects with associated waste reduction and avoided cost values. The Y-12 FY 2007 Accomplishments Report included a total of 14 accomplishments with 7 accomplishments also being submitted as award nominations for the U.S. Department of Energy (DOE) 2008 Pollution Prevention Awards for activities completed during fiscal year 2007. They are as follows:

- Y-12 Purchases Energy Saving Flat Screen LCD Monitors under the Electronics Stewardship Category
- Y-12 Eliminates Ozone Depleting Substances in Chip Cleaning Operation under the Waste/Pollution Prevention Category
- Y-12 Silver Recovery under the Recycling Category
- Y-12 Expanded Battery Recycling Program under the Recycling Category
- Y-12 Drum Crusher Operation under the Waste/Pollution Prevention Category
- Additional Y-12 EPP Highlighted Activities under the Green Purchasing Category
- Additional Y-12 EPP Program Initiatives under the Green Purchasing Category
- Technology Exchange Results in Implementation of Waste Coolant Evaporator under the Waste/Pollution Prevention Category (Submitted for a DOE 2008 Pollution Prevention Award)
- Y-12 Medical Radiography Goes Digitally Green under the Waste/Pollution Prevention Category (Submitted for a DOE 2008 Pollution Prevention Award)
- Excess Lead Transfer Benefits DOE under the Recycling Category (Submitted for a DOE 2008 Pollution Prevention Award)
- Y-12's Thinking Outside of the Box Speeds Critical Quality Evaluation Relocation under the Waste/Pollution Prevention Category (Submitted for a DOE 2008 Pollution Prevention Award)
- EMS-Driven Green Online Auction and Product Exchange under the Environmental Management Systems Category (Submitted for a DOE 2008 Pollution Prevention Award)
- Recycling Transformers Reduces Unneeded Materials and Chemicals (UMC)

under the Recycling Category (Submitted for a DOE 2008 Pollution Prevention Award)

- Y-12's LEED Certification Process for New Hope Center under the Sustainable Design/Green Buildings Category (Submitted for a DOE 2008 Pollution Prevention Award)

2. The Y-12 Pollution Prevention Program compiled, submitted, and approved the fiscal year (FY) 2007 Y-12 Annual Report on Waste Generation and Pollution Prevention Progress as required by DOE Order 450.1 on the U.S. Department of Energy Pollution Prevention homepage. This submittal also had a December 31, 2007 deadline which we have met. Reported data included recycling data, waste generation by waste type and category, and explanatory statements concerning differences between the FY 2007 waste generation data and the FY 2006 waste generation data. The total amount of materials recycled by the Y-12 Complex included approximately 35,898 metric tons during FY 2007 (Note: Starting with FY 2006 reporting, the computers are now reported on a per item basis rather than a total metric ton amount but are included in this mass based value.). The following are the generation totals (Routine and Non-routine) for FY 2007 for each individual waste type reported:

- Sanitary Waste: 10,373.88 metric tons
- Low Level Waste (Liquid): 2.70 cubic meters
- Low Level Waste (Solid): 7,190.63 cubic meters
- Mixed Low Level Waste (Liquid): 4.15 cubic meters
- Mixed Low Level Waste (Solid): 96.57 cubic meters
- Resource Conservation and Recovery Act (RCRA) Regulated: 11.62 metric tons
- Toxic Substances Control Act (TSCA) Regulated: 0.73 metric tons
- Mixed TSCA: 15.89 metric tons

(Note: For your information, we have found one existing anomaly within the system, which is associated with the Annual Recycling Report Section. The system will not save the amount of computers that were sent for disposal; therefore, we have noted this within the text of the explanation.)

3. The Y-12 Pollution Prevention Program compiled and submitted 7 award nominations for the U.S. Department of Energy (DOE) 2008 Pollution Prevention Awards for activities completed during fiscal year 2007 on the DOE Pollution Prevention homepage. Data for this report is required to be entered on the website by December 31, 2007 which we have completed. These nominations will also be considered by National Nuclear Security Administration (NNSA) and DOE for subsequent submittal for the White House Closing the Circle Awards. The 7 award nominations were submitted for Y-12 and included the following:

- Technology Exchange Results in Implementation of Waste Coolant Evaporator under the Waste/Pollution Prevention Category
- Y-12 Medical Radiography Goes Digitally Green under the Waste/Pollution Prevention Category
- Excess Lead Transfer Benefits DOE under the Recycling Category
- Y-12's Thinking Outside of the Box Speeds Critical Quality Evaluation Relocation under the Waste/Pollution Prevention Category
- EMS-Driven Green Online Auction and Product Exchange under the Environmental

Management Systems Category

- Recycling Transformers Reduces Unneeded Materials and Chemicals (UMC) under the Recycling Category
- Y-12's LEED Certification Process for New Hope Center under the Sustainable Design/Green Buildings Category

4. The Y-12 Pollution Prevention Program Office compiled and submitted the Fiscal Year 2007 Affirmative Procurement Report for the Y-12 National Security Complex on the U.S. Department of Energy (DOE) Pollution Prevention homepage. The Affirmative Procurement Report is required by Section 6002 of the Resource Conservation and Recovery Act and Executive Order 13423, "Strengthening Federal Environmental, Energy, and Transportation Management." Reported data included designated procurement data by category, and programmatic and explanatory information. Y-12 procured more than 3.14 million dollars in materials covered by the Affirmative Procurement requirements. The documented percentage with recovered content after being adjusted for justified virgin purchases is approximately 97.4% percent. Data for this report is required to be entered on the website by December 31, 2007 which we have completed.

Note: For your information, we have found several anomalies within the system, which is associated with the Affirmative Procurement Report. Additionally, please note that there is no button to mark our data as final or QA, however rest assured that all of the data has been thoroughly QA checked. The following is a listing of the various anomalies identified:

- In the "Vehicular Products" section under the "Rebuilt Vehicular Parts" category, the questions all reference "Motor Vehicle Lubricating Oil" and should be revised to request information for "Rebuilt Vehicular Parts." Y-12 provided the information for the "Rebuilt Vehicular Parts" in this section.
- The report no longer includes the miscellaneous and comments sections; therefore, this information was reported as part of the accomplishments report.
- The report still contains several references to Executive Order 13101 rather the new Executive Order 13423.

As a final step of the process, the Y-12 Pollution Prevention Program completed a check to ensure that the information was correctly entered on the DOE Homepage.

I hope everyone has a very Merry Christmas and Happy New Year. I will be on vacation starting Thursday, December 20th and will not return until Monday, January 7. I will be wearing my pager and cell phone, and will check my voice mail if there are any concerns or questions and Aprell will be here through at least noon on Thursday (December 20th).

Thank you,
 Jan Jackson
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11/6/2008
