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TIN RE: AIR, AMS NOVEMBER 1992



NW88-8884401

From: R&D Center - 401-3X9B
WIN: 238-1362
Date: November 5, 1987
Subject: OCTOBER ACTIVITIES REPORT

To: WESTINGHOUSE BUILDING - 1558
E. P. Massaro, Director
Environmental Affairs

cc: I. H. Staff

The October 1987 activities of Industrial Hygiene are listed by the following groups and business units:

- A. Energy and Advanced Technology Group
- B. Industrial and International Group
- C. Commercial Group
- D. Corporate Resources
- E. Finance
- F. Broadcasting
- G. Law and Environmental Affairs
- H. Corporate Activities
- I. Miscellaneous

A. ENERGY AND ADVANCED TECHNOLOGY GROUP

1. Defense

Baltimore, MD

Followup to Defense Director of Real Estate re: asbestos abatement of unoccupied Westinghouse leased area.
Determined no further action warranted.

Sunnyvale, CA

Hardware problem. Assisted in reinstalling WISHES.

Lima, OH

Provided technical information on respiratory protection in accordance to 1910.134.



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2. Nuclear Fuel

Blairsville, PA

- o Speaker for the annual Safety Observer awards dinner meeting.
- o Provided technical assistance in reviewing the potential for exposure to Legionella bacteria from machine coolant systems.

3. Power Systems

Cost Building

Provided consultant information to review Gallatin, TN (RESO) facility and proposed Industrial Hygiene assessment for Bay County, FL.

Spartanburg, SC

Researched chemical information for Steve Miller. Material involved in a chemical spill.

Casselberry Labs - Orlando, FL

Wrote six MSDS's and labels for material used in Westinghouse field work, approximately 3-1/2 man days.

East Pittsburgh, PA

- o Provided technical guidance and oversight during the asbestos assessment survey.
- o Instituted use of Free-Col Labs for bulk asbestos analysis, due to lower cost for S&ME asbestos assessment.
- o Observed S&ME procedures and field documentation for collection of bulk asbestos samples.
- o Provided technical assistance on fungicide contamination in the drinking water.
- o Provided project management for asbestos abatement at this site.
- o Provided guidance on final clearance procedure on boilerhouse abatement project.

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Hydro Nuclear

Assisted in justifying an Industrial Hygiene and Safety position by defining the Industrial Hygiene and Safety task requirement for compliance.

Cheswick, PA

Provided technical assistance in reviewing the potential for exposure to Legionella bacteria from machine coolant systems.

Charlotte, NC

Provided technical guidance on bulk data of cadmium and nickel in heat treating furnace.

Pensacola, FL

- o Extensive review of Japanese MSDS's and work practices related to the handling and cleaning of large, long, thin tubes packed in two chemicals.
- o Technical guidance on review of work procedure related to manual lifting.

B. INDUSTRIAL AND INTERNATIONAL GROUP

1. Advanced Industrial Systems

Combustion Control Div. - Orrville, OH

Performed MEDLARS physical properties data base search for ammonium bifluoride for a new product line specification for induction heaters.

Danbury, CT

Provided technical guidance for asbestos abatement project to conclusion of project Nov. 2, 1987. This included an onsite visit to review abatement contractor's work and engineering firm's oversight progress.

O'Hara Township

Provided technical guidance on chemical identification of mixture not revealed by supply company.

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2. Distribution and Control

Bryant Div. - Bridgeport, CT

Conducted a preliminary on site assessment of asbestos conditions in the Bridgeport facility and solicited proposals from several environmental consultants to complete a comprehensive assessment and develop cost estimates for asbestos remediation.

Ind. Tube - Horseheads, NY

Completed a review of the health effects of sulfur hexafluoride and tritium in support of the proposed neutron generator tube facility.

Greenwood, SC

Provided technical assistance on how to handle small asbestos plates. Referred waste disposal of this asbestos material to S. A. Green.

Asheville, NC

Provided technical guidance on air monitoring instrumentation and calibration procedures.

3. Utility Delivery Systems

Jefferson City, MO

- o Provided industrial hygiene sampling equipment.
- o Provided technical consultation on Hearing Conservation Amendment to 29 CFR 1910.95.
- o Reviewed proposed chemical inventory and provided technical sampling strategy for whole site monitoring and respirator protection program.

Coral Springs, FL

- o Provided WISHES Industrial Hygiene technical support.
- o Provided technical assistance on how to handle petroleum distillate sampling data that was reported back from lab as V&P naphtha.
- o Provided industrial hygiene sampling equipment.
- o Provided technical guidance for special air monitoring methods and record keeping procedure.

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Muncie, IN

- o Provided industrial hygiene sampling equipment.
- o Calibrated four sampling pumps.

4. International

Canada

Discussed status of review of WISHES for use in Westinghouse Canada.

C. COMMERCIAL GROUP

1. (W) Elevator Co.

Randolph, NJ

- o Provided industrial hygiene sampling equipment.
- o Provided technical guidance on pigment air monitoring.
- o Provided technical guidance and sampling protocol for unknown component of mixture suspected of irritating employees.

Morristown, NJ

- o Reviewed the Elevator Co. "Modernization Projects" Asbestos Policy and recommended revisions to update the policy for consistency with current regulations.
- o Provided technical guidance on asbestos abatement for a boiler and piping.

Adams Elevator - Chicago, IL

- o Supplied technical information on wipe testing for MOCA.
- o Provided technical interpretation of noise measurements and recommended changes in audiometric limits and periodic measurements.

Vernon, CA

Provided technical support on confined space gas monitoring and gave direction to 7-UP and Environmental Control on moving Blythe, CA warehouse to non-contaminated site.

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Bedford, PA

Provided technical interpretation of chemical analysis from air monitoring data.

D. CORPORATE RESOURCES

1. Bettis - West Mifflin, PA

Information request for SARA chemicals referred to Dr. Zervins.

2. Human Resources

- o Made training presentations at P. Palmieri 518 course, "Safety Management."
- o Assisted in developing a final response to the IUE concerning alleged occupational health issues at the Sharon plant to avoid an unfair labor charge from the NLRB.

3. Corp. Productivity - Communications Systems Center, Pittsburgh

Provided technical assistance and guidance for a proposed asbestos removal project.

4. R&D Center

- o Worked 9 days for Safety Department on waste management.
- o Calibrated 3 sampling pumps.
- o Provided material evaluation for Corporate Standards material code system. 5 man days.
- o Reviewed proposed WISHES medical module with J. Spicher. Also determined that R&D will continue to participate in WISHES via emulator board on Ingress.
- o Reviewed 1987 Industrial Hygiene Introductory Course calculations with R&D participant.
- o Participated as a member in the annual R&D Radiation Safety Committee meeting.

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E. FINANCE

Westinghouse Credit Corporation

- o Provided technical assistance in the review of asbestos conditions at properties in Key West, FL; Rocky Hill, CT; Garden grove, CA; Columbus, OH; and Laguna Hills, CA, that are the subject of pending transactions.
- o Presented an asbestos awareness seminar to the WCC Law Department. A second awareness seminar is to be scheduled for the WCC management.

F. BROADCASTING

Contacted Dave Graves, Broadcasting, New York, concerning acquisition audit for radio station in Chicago. Dave is to schedule the site visit.

G. LAW & ENVIRONMENTAL AFFAIRS

- o Researched material information for R. E. Wills and R. J. Paschke, 2 man days. Worked with J. Levine on D.O.T. classification for Corporate Standards, 1 man day. Prepared and made presentation for J. W. Fisch on SARA III in Atlanta, GA, 1 man day.
- o Toxicology data base search for sulfur hexafluoride (MEDLARS) for Environmental Control, later same search for Industrial Hygiene.
- o Water standards MEDLARS search for trans 1,2-dichloro ethene for Environmental Control.
- o Asbestos in drinking water, toxicology CANCERLIT (MEDLARS) search for Environmental Legal.
- o Three extensive cyanide toxicology data base searches (MEDLARS) for R. Lawrence's group for toxic tort case at Beaver.
- o Gathered disposal site information from known Westinghouse sites which have disposed of asbestos within the last five years for Steve Green.

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- o Notified Environmental Legal of air monitoring data outside of abatement enclosure at Unimation relative to tenants in office. Airborne level possibly exceeded specification limit of 0.01 f/cc, but never exceeded the OSHA action level of 0.1 f/cc T.W.A. where tenants occupy space in building.

H. CORPORATE ACTIVITIES

- o Assisted Mr. Jeff Bair, Law Department, assess the historical Industrial Hygiene records and the impact on Westinghouse from the High Risk Notification Legislation.
- o Calibrated 12 sampling pumps and all Industrial Hygiene portable instruments.
- o Responded to customer requests for Westinghouse MSDS information. 1/2 man day.
- o Participated in the annual Westinghouse Radiation Managers Meeting.
- o Developed Draft Asbestos Abatement Procedure.
- o Abatement Projects:
 - o Changed format of data record keeping for bulk and air monitoring associated with abatement project. All data will be filed under project name rather than health protection files.
 - o Produced tracking form for bulk and air monitoring contacts for laboratory analysis and reporting protocol.
- o Evaluated Corning Metpath laboratory for air monitoring analyses for corporate use.
- o Provided Clayton Environmental Consultants with changes on laboratory report format and billing for site abatement projects.

I. MISCELLANEOUS

- o Reviewed 50 Westinghouse radiation dosimetry reports.
- o Worked on NIOSH health evaluation request on Westinghouse materials, 3 man days. Expect an additional 2 to 3 man days to complete survey requirements.

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- o Issued (3) Westinghouse SPDS and (4) labels to Westinghouse plants.
- o Attended Problem Solving and Decision Making Course (L. J. Fleming).
- o Began initial work to provide training modules for 1910.120 OSHA/SARA 24-hour emergency training.

WISHES Project Administration

- o New manual plus Version 2.20 of WISHES (includes 1987-88 TLVs) sent for duplication and distribution October 26, 1987. (13 days)
- o Supplied information to Con Edison, NY re: WISHES and R&D's CITS. Referred to Westinghouse Engineering Service Bureau.
- o Worked with Peregrine Systems consultant to review our WISHES software for proper and adequate testing and debugging procedures. (2 days)
- o Sold initial copy of license of WISHES to Project Development Corp.
- o Received notice from Westinghouse Engineering Service Bureau that they will provide WISHES marketing survey with our assistance. They also indicated that they do want to market WISHES with CITS product. Some time commitment from a Senior Engineer in our group has been requested for this project.
- o Attended 516 Safety Course (1 day) for review and integration into Corporate Industrial Hygiene's 1988 training course schedule (K. M. Goellner).
- o Met with various managers from Amaryl and Newmeyer (asbestos abatement contractor) to discuss chain of command protocol on present and future projects in line with our Corporate Asbestos Abatement Procedure.

C. W. Bickerstaff
C. W. Bickerstaff, Manager
Corporate Industrial Hygiene
Environmental Affairs

/ehw