

Region I General License Case Resolution

Numerical Summary

I.	II.	III.	IV.	V.	Total
0	0	0	0	0	0

Summary By Case File

I. Sources still in use or disposed properly

I. Sources still in use or disposed properly

RCode File Name Company Name Device Status

II. Source probably disposed properly, but company no longer exists or occurred so long ago, no records or corporate knowledge exists

RCode File Name Company Name

III. Source probably improperly disposed

RCode File Name Company Name Device Status

IV. Did not locate useful information concerning source

RCode	File Name	Company Name
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V. Other

RCode	File Name	Company Name	Device Status
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File(s):40937

Name on File: **Allen Products**, Allentown, PA

Responsible Party: Friskies PetCare Company

Contractor Result: Company shut down in 1979

History: The company, more commonly known as ALPO, was an ongoing concern until it was sold to Friskies PetCare Company, a subsidiary of Nestles, within the past five years or so.

Contacts: Main number is 610-395-3301. Left a message with Pat Calarusco of Human Resources.

File(s): 5789

Name on File: **American Cyanamid Company**, Bound Brook, New Jersey

Responsible Party: American Cyanamid Company and ?

Contractor Result: Company no longer has devices (tritium exit signs).

History: American Cyanamid is currently in the process of closing out its Bound Brook facility (while I was on the phone with him, Bill Duffy of American Cyanamid was watching a building collapse). At one time, the facility a couple of hundred tritium exit signs. A number of these were transferred to other companies when American Cyanamid sold parts of its business along with the buildings housing the pieces. American Cyanamid hired Hudson Valley Environmental to oversee closeout of the site, and Hudson Environmental sent 168 signs to the supplier, SRB Corporation. Hudson Valley Environmental sent a full report to Mike Radditz of the NRC.

Our database also shows that, between 1965 and 1980, American Cyanamid purchases three gauges from Ohmart and one gauge from ABB Industrial Systems containing ¹³⁷Cs. The American Cyanamid representative was certain that these devices had been removed years earlier and packaged for return to the vendor.

A representative of Ohmart/VEGA confirmed the distribution of a gauge to American Cyanamid in 1965, and confirmed a distribution in 1977, but not of a 3 curie source. Ohmart/VEGA could not find a distribution in 1980. Ohmart/VEGA also reported numerous disposals for American Cyanamid. Ohmart/VEGA disposed of six 100 millicurie sources in 1979, four 50 millicuries in 1982 from a 1977 order (mis-entered as 3000 millicuries?) and seven 300 millicurie sources in 1983. A representative of ABB Automation confirmed the 1967 distribution and said a note in their file said the customer disposed of the device through another vendor in 1977.

Contacts: Bill Duffy, chemical engineer/manager with American Cyanamid (732-560-2000, but telephone will no longer be connected after the last building comes down and site is cleared). Kathy Moynahan, Hudson Valley Environmental (732-295-4518). Candy Brock, Ohmart/Vega Corporation (513-272-0131, ext. 159; CBROCK@ohmartvega.com). Jonathan Fortkamp, RSO, ABB Automation, Inc. (614-261-2337, jonathan.fortkamp@us.abb.com)

File(s): 23723

Name on File: **American Machine & Foundry**, Greenwich, CT

Responsible Party:

Contractor Result: Out of business

History: In 1971, American Machine & Foundry Company formally changed its name to the name it had used for years: AMF Company. AMF makes bowling products. The acquisitions and mergers database at corporate affiliations.com reports, "AMF Inc. acquired by Minstar, Inc."

It appears AMF divested of most lines of business other than bowling alleys around the 1980s. Various web sites refer to a past business called "AMF Legg," maker of tobacco cutting packing equipment. It is likely that concern was folded in 1998, after an intervening merger into GBE Tobacco, into Dickinson Engineering forming Dickinson Legg.

The address given (648 Steamboat Road, Greenwich, CT) is smack in the middle of the Greenwich, CT financial district, sometimes referred to as "Hedge Row" for its association with numerous hedge traders. It is unlikely a manufacturing facility was at that address (i.e., a probable headquarters address), although an asbestos litigation page does mention manufacturing facilities for American Machine and Foundry/AMF in Greenwich, CT.

Obituary from 1992 (Allen Albert Wheat) says that the American Machine and Foundry plant in Greenwich, Connecticut moved out in 1958. The gauge in question was purchased in 1965. It is very likely, therefore, that the address was a headquarters address, and not the location where the gauge was installed.

Contacts: None

File(s): 53849

Name on File: **Amoco Performance Products**, Bound Brook, NJ

Responsible Party: BP Oil

Contractor Result: No results

History: Amoco (Standard Oil of Indiana) was purchased by BP Oil in 2001. There is a company called Univation Technologies, a joint venture of Union Carbide (now Dow Chemical via merger) and Exxon Chemical now owns the P.O. Box previously assigned to Amoco Performance Products, Bound Brook, New Jersey. At the site, they do Research and Development on products similar to those trademarked by Amoco Performance Products. It is likely (though not certain) Univation bought the facility from Amoco Performance Products.

A number of trademarks held by Amoco Performance Products transferred to Union Carbide Corporation, apparently in the 1990s. That suggests that they may have sold part of their business. There are two business in Bound Brook that look like they could be it. Union Carbide has manufacturing and R&D facilities there and Univation Technologies, formed in 1997 as a joint venture of Union Carbide and Exxon Chemicals has R&D there. Particularly worth noting is that a paper in the book (probably a conference proceedings) "Metallocene Technology and Modern Catalytic Methods in Commercial Applications" by authors from Univation Technologies shows them at the same address (P.O. Box 670, Bound Brook, NJ) as the ex-Amoco Performance Products.

According to personnel at the Dow Chemical (pre-merger Union Carbide) facility, Amoco Performance Products R&D leased a small portion of the Union Carbide facility in Bound Brook, New Jersey up until around ten years ago. There were no other Amoco Performance Products facilities in the Bound Brook area. Company Industrial Hygienist will call back so that I can verify that the gauges are gone.

The vendor could find no record of the gauges being distributed or returned (given a serial number, they could locate the records).

Contacts: Receptionist, Univation Technologies (713-892-3700) Mike Pasquarelli, Environmental (732-563-5428), and Karen Kearns, Industrial Hygiene (732-563-5037), Dow Chemical (pre-merger Union Carbide facility). Chris Fitz, Radiation Safety Officer, NDC Infrared Engineering (626-939-3859).

File(s): 63651

Name on File: **Chambers Works Cogeneration**, Carneys Point, New Jersey

Responsible Party: PG&E Generating, Carney Point Generating Plant

Contractor Result: Not clear.

History: The Chambers Works Cogeneration Plant is now a fine coal plant operated by PG&E Generating, the unregulated affiliate of Pacific Gas & Electric.

Contacts: None (n.b., PG&E Generating is the same company as was responsible for the Monix Industries and Northampton Fuel Supply Co., Inc. cases in the first batch of cases. The easiest way to get the information is probably to contact the plant directly, but to date, I have been unable to get a good telephone number for the plant.)

File(s): 7277, 7497

Name on File: **H.J. Bottling Company** or **Coca-Cola Bottling Company** or **Cantrell-Cochran Ltd.**, Garfield, NJ

Responsible Party:

Contractor Result:

History: Both Whooppee and Yoo-Hoo sodas had facilities in Garfield, New Jersey at one time, so I contacted Whooppee (they had a contact on their web site for inquiries about history) to see if they could provide any information. According to that representative, H.J. Bottling Company bottled (canned?) C&C (a.k.a. Cantrell & Cochran) soda in the 1960s. This would be consistent with our record showing the gauges associated with the C & C name distributed between 1962 and 1965. The representative said they moved in the 1960s. We show them receiving a gauge in 1970 and one in 1974. My guess is that they actually moved in the late seventies. Either way, they have not been there for a very long time.

A search of the street address shows that a company called Prestolite Electric Holding, Inc. had a division at that address called Roberts Remanufacturing (rebuilds alternators and starter motors) as of 1999. A representative of Roberts Remanufacturing stated that they have been at their current address for only a couple of years, so that does not provide any information as to when H.J. Bottling Company moved out.

Prior to Roberts Remanufacturing being in 20 Jewell Street, a company called AFA Industries was there. It was acquired by Watson Machinery International, Inc. in 1997 (which may have made the building for Roberts). A representative of Watson Machinery International, Inc. said that AFA was at that address from 1983 to January 1998, so H.J. Bottling moved out prior to that.

Contacts: A representative of Whooppee soda. A representative of Watson Machinery International, Inc. (973-684-3700).

File(s): 265 & 1532

Name on File: **Detroit Steel Corporation**, Hamden, CT

Responsible Party:

Contractor Result: Unable to locate information on this company.

History: See File 3011 in previous update.

Contacts: No additional contacts. See contacts for File 3011.

File(s): 63363, 33513

Name on File: **Dietrich Industries**, Blairsville, PA

Responsible Party: Dietrich Industries

Contractor Result: Company refuses to give information

History: The company had a plant in Blairsville, and closed it in 1995. Mr. Torok said the plant's equipment was auctioned in 1995. He said he thought the gauge (he indicated one) was sold with the equipment.

Mr. Weaver said the company operates twenty locations in the U.S. and uses gauges at four of those locations. Although procedures are in place to keep track of gauges, one was not removed from equipment at the Blairsville site when that equipment was sold at auction. That gauge as sold to NUCOR and went to a site in, he thinks, Berkley, NC (n.b., probably the Berkley Sheet Steel Mill in Berkley County, South Carolina ; americium seems to be the isotope of choice for measuring the thickness of sheet steel because of its 60 keV gamma). He said he previously provided a full accounting of Blairsville gauge(s) at the request of the NRC contractor.

Contacts: Randy Torok, Dietrich Industries (724-676-4782, ext. 245). Wayne Weaver, Corporate Plant Engineer, Dietrich Industries (219-931-3741).

File(s): 5430, 5442

Name on File: **Diversitech General**, Jeanette, Pennsylvania

Responsible Party: Omnova Solutions, Inc.

Contractor Result: No information on the company.

History: Diversitech General was a successor or subsidiary of General Tire Corporation. It later became GenCorp, which it is today. GenCorp spun-off or created as a subsidiary (I do not know which) Omnova Solutions, Inc., which is still operating the plant on Chamber Avenue , Jeanette, Pennsylvania. The gauges in the file (three from LFE Corporation) were returned to the vendor in the early 1990's. Currently they have four gauges (three from Ohmart, one from someone else). They will fax an inventory.

The inventory faxed to us shows three gauges from "Honeywell/Measurex Ohmart." Since Mr. Davidson specifically said that they were from Ohmart, it is likely that Honeywell/Measurex makes the detector or other component. That is by no means certain, however. The other gauge is from ABB Industrial Systems (trademark Accuray). The information is not complete, but should be sufficient to get the site in the database so that the yearly registration form will reach it.

I contacted Ohmart concerning two other cases, so asked about this one. The representative straightened out the Model number and explained that Ohmart sold that product division to Measurex. These gauges were distributed prior to the sale.

An ABB Automation, Inc. representative corrected the serial number for the Accuray Model O-2 gauge and provided the activity and distribution date.

Contacts: David Pippert, Plant Manager, Omnova Solutions (724-523-7330) and Bob Davidson, Omnova Solutions. Candy Brock, Ohmart/Vega Corporation (513-272-0131, ext. 159; CBROCK@ohmartvega.com). Nancy Newsome at ABB Industrial Systems (614-261-2339).

File(s): 657951

Name on File: **Ferguson Enterprises, Inc.**, North Clarendon, Vermont

Responsible Party: General Electric Aircraft Engines

Contractor Result: No information on company.

History: Ferguson Enterprises, Inc. (www.ferguson.com) is a leading wholesale distributor of plumbing supplies. They are one of a number of contractors working at the General Electric Aircraft Engines, Rutland, Vermont plant (actual address is in the suburb of North Clarendon, Vermont). At this point, it is not clear whether the generally licensed device (a Metorex x-ray fluorescence analyzer) is being used by Ferguson personnel or General Electric personnel.

Ferguson Enterprises, Inc. acts as a purchasing agent at the General Electric Aircraft Engines, Rutland, Vermont plant. They purchased the gauge for use by General Electric Aircraft Engines. The General Electric Aircraft Engines representative said they have several x-ray fluorescence analyzers, most with accelerator produced material. He is checking whether they still have this gauge and, if not, how they disposed of it. He said the address on the file (16 Windcrest Road) was changed in connection of implementation of enhanced 911 to 270 Windcrest Road). If they are using the device, he (Mr. Guilmette) would be the appropriate contact.

Contacts: Paul Guilmette, Environmental Health & Safety Leader, General Electric Aircraft Engines (802-773-9121).

File(s): 5516, 5587, 63664, 640925

Name on File: **GTE Products Corporation**, Towanda, PA

Responsible Party: OSRAM Sylvania

Contractor Result: The company was sold to OSRAM Sylvania.

History: The facility has specific licenses with the NRC both for industrial gauges and for thorium introduced into its products. The general licensed gauge program has been inspected

during inspections of the specifically licensed gauges. The inventory provided was very inaccurate. The company faxed a current inventory.

Contacts: Carmen Venezia, OSRAM Sylvania, Human Resources/Safety Department (570-268-5128).

File(s): 3778, 6553, 31256

Name on File: **General Foods**, Cranbury, New Jersey

Responsible Party: General Foods

Contractor Result: The site was sold to Rhone Poulenc Rorer in 1988. Apparently a report was requested by a letter mailed on October 30 of either 1999 or 2000 (the record does not say, but that is when the contractors were working). Kraft may have sent a written response; the record does not say.

History:

Contacts: Rob Lawrence Kraft Foods (914-335-6814).

File(s): 1865, 41336

Name on File: **L. E. Carpenter & Company**

Responsible Party: Forbo Industries

Contractor Result: Unable to locate any information on company.

History: See Files 180, 1510, and 47180 in previous update.

Contacts: No additional contacts. See contacts for Files 180, 1510, and 47180.

File(s): 645066

Name on File: **Lehn & Fink Products Company**, Belle Mead, New Jersey

Responsible Party: Reckitt Benckiser

Contractor Result: Unable to locate information on the company.

History: Lehn & Fink Products Company was founded in New York in 1874. It sold Lysol brand household disinfectant. In 1994, Lehn & Fink Products Company was acquired by Reckitt & Coleman. Reckitt & Coleman merged with rival Benckiser in 1999 to form Reckitt Benckiser.

Concerning gauges listed with Boyle-Midway in Cranford, New Jersey, the vendor reported that the only gauges in her database matching any of the company names the contractor had

developed were gauges in use by Reckitt Benckiser, but that they were (and had always been) in Belle Mead, New Jersey, not Cranford. The vendor reported that its database showed 4 FilTech FT-12's and 7 FilTech FT-50's, but 2 of these had no source (the vendor had removed the sources and the gauge was being held for possible use in the future).

Contacts: Rob King, Reckitt Benckiser (908-874-5187). Michael Pisack, Environmental Specialist, Reckitt Benckiser (via letter). Previously contacted Michelle Alvarado at Industrial Dynamics (310-257-2202) concerning former Boyle-Midway gauges in Cranford, New Jersey.

File(s):

Name on File: City of **New Haven**, New Haven, Connecticut

Responsible Party: New Haven,

Contractor Result: No information recorded. Appeared to recognize that they were looking for a sewage plant.

History: The New Haven Raven's (Class AA baseball) web site says that OMI, Inc. operates the wastewater treatment facilities for New Haven and surrounding communities. OMI main office provided the name of an OMI employee in the area. That employee, who had previously worked for the City of New Haven at the New Haven wastewater treatment facility, said that OMI, Inc. has operated the plants since 1999. He was with New Haven since 1989. He said the East Street plant was converted into a pumping station in 1983. He provided the name and telephone number of the New Haven Water Pollution Control Authority.

The water pollution authority is certain that the gauges have been removed (they were distributed in 1965, so that is not surprising). They will look for any records and get back to us if they can locate any.

Contacts: OMI, Inc. (303-740-0019). Gary Zrelak, Omi, Inc., West Haven CT Wastewater Treatment Plant (203-937-3637) Office of Ray Smedburg, General Manager, New Haven Water Pollution Control Authority (203-466-5280).

File(s): 657943

Name on File: **Penn Machine**, Aston, Pennsylvania

Responsible Party: Penn Machine

Contractor Result: Unable to locate company.

History: The company has four Metorex x-ray fluorescence analyzers, one at each of its facilities (identified on the company's web site at pennusa.com).

Contacts: Jim Knomes, Penn Machine (610-859-3580 or 610-497-3300, ext. 580)

File(s): 24198

Name on File: **Pennsylvania Sugar Division, National Sugar Refining Co.**, Philadelphia, PA

Responsible Party:

Contractor Result:

History: National Sugar Refining Co. produced Jack Frost brand sugar, at one time the second leading brand. The facility was the Jack Frost Sugar Refinery on Delaware Avenue in Philadelphia. The building was imploded in 1997. The rubble has since been cleared and an office complex erected in its place.

Contacts: None

File(s): 2530, 6628, 13700

Name on File: **Perlite Corporation**, Chester, PA

Responsible Party: Unknown

Contractor Result: Perlite Corporation bought by Incon Corporation (n.b., this information is incorrect).

History: A quick search found a web site entitled "Incon Insights - What Ever Happened to Perlite Corporation?," Perlite Corporation was dissolved in 1989 after the owners health failed. The equipment was purchased by Incon Corporation, a company owned by former Perlite employees. A representative of Incon (who used to be employed by Perlite) stated that Perlite, like Incon, made equipment for the perlite industry. He recalled two occasions on which Perlite received gauges, but both were for installation on equipment being shipped to a customer. In one of the two cases he recalled, the system was shipped to England and the other went to Belgium. He was certain that Perlite used no gauges in its facility.

The source with serial number M1911 was sent to Perlite Corporation in Pennsylvania then exported to Austria (and reported appropriately). Ronan will see if they can locate information on the other two devices, but without the serial numbers, it is not certain they will be able to locate the information.

Contacts: Art Anderson, President, Incon Corporation (610-358-5919). Jackie Garmany (the last name may not be spelled correctly), Ronan Engineering, Measurements Division (859-342-8500).

File(s): 643853

Name on File: **Polychrome Corporation**, Clark, NJ

Responsible Party: Kodak Polychrome

Contractor Result:

History: Polychrome, a major producer of graphic arts plates and films, was a subsidiary of Sun Chemical Corporation. Both were part of Dainippon Ink & Chemical, Inc. (DIC), the world's largest graphic arts supplier. As recently as 1996, the Clark, NJ facility was operating and a new finishing room was being added to it. In 1998, the company was merged with Kodak Graphics Systems to form Kodak Polychrome, which is owned equally by Eastman Kodak Company and Sun Chemical Corporation. The number for the headquarters of the new company is 203-845-7000.

Contacts: None

File(s): 6931, 6942

Name on File: **Richardson-Vicks, Inc.**, Hatboro, PA

Responsible Party: Proctor & Gamble

Contractor Result: Found Proctor Gamble had bought Richardson-Vicks, Inc., but was unable to get through the switchboard.

History: Proctor & Gamble bought Richardson-Vicks, Inc. in 1986. The former Richardson-Vicks plant shut down in the 1990's and was sold in 1997.

Contacts: Ron Hayes, Proctor & Gamble (513-62-1550)

File(s): 64747, 639363

Name on File: **U.S. Operating Services**, Swedesboro, New Jersey

Responsible Party: PG&E Generating, Logan Generating Plant

Contractor Result:

History: The Logan Generating Plant is a fine coal plant operated by PG&E Generating, the unregulated affiliate of Pacific Gas & Electric. The former name of PG&E Generating was U.S. Generating Company, which is probably related to the "U.S. Operating Services" name on the file.

Contacts: Left a message at the Logan Generating Plant main number (856-467-2128). (n.b., PG&E Generating is the same company as was responsible for the Monix Industries and Northampton Fuel Supply Co., Inc. cases in the first batch of cases. The easiest way to get the information is probably to contact the plant directly, but to date, I have received no response to the message.)

The following cases are not covered by TI 02800/030 (licensees for exit signs or other devices not covered)

File(s): 657851

Name on File: **Burke Lumber**, West Burke, VT

File(s): 654947

Name on File: **C. M. High Incorporated**, Lancaster, PA

File(s): 657951

Name on File: **Ferguson Enterprises**, North Clarendon, VT

Responsible Party: General Electric Aircraft Engines

Contractor Result: Could not locate business.

History: Ferguson Enterprises acts, under contract, as purchasing agent for the GE Rutland plant (North Clarendon is a suburb of Rutland). The street address of the plant changed recently as the result of implementation of enhanced 911. The device is still in use at the Rutland plant.

Contacts: Paul Guillonette, Environmental Health & Safety Leader, General Electric Aircraft Engines, Rutland facility (802-773-9121, ext. 1717).

File(s): 657702

Name on File: **George Isaac**, Trucksville, PA

File(s): 4602

Name on File: **Lighting Systems, Inc.**, West Hartford, CT

File(s): 656862, 656874, 657943

Name on File: **Penn Machine**, Aston, PA

Responsible Party: Penn Machine

Contractor Result: Could not locate company.

History: A search for "Penn Machine" located the company's web site (at www.pennusa.com), which confirmed the address in our database. A representative of the company stated that the company has four Metorex x-ray fluorescence analyzers, one at each of its facilities (identified on the company's web site).

Contacts: Jim Knomes, Penn Machine (610-859-3580 or 610-497-3300, ext. 580)

File(s): 656130

Name on File: **Teen Center**, Paterson, NJ

File(s): 655230, 655306

Name on File: **Yale Off Campus**, Hamden, CT

File(s):

Name on File:

The following cases should have been closed based on the information obtained by the contractor.

File(s): 53872

Name on File: **AEP Industries**, Moonache, NJ

Responsible Party: AEP Industries

Contractor Result: A representative of AEP Industries reported that the devices were returned years ago. AEP submitted documentation supporting their claim. The facility in Moonache, NJ has been shut down for years.

History: We accept the contractor's finding.

Contacts: None

File(s): 33992

Name on File: **Merck & Company, Inc.**, Riverside, PA

Responsible Party: Merck & Company, Inc.

Contractor Result: The contractor requested an accounting of the sources, which Merck sent to NMSS.

History: The facility is still operating. All gauges were returned to the vendor. Merck sent a full accounting of the gauges to NMSS.

Contacts: Linda McGarvey, Merck & Company, Riverside, PA (570-271-2067).

The following cases are duplicates of cases previously worked in the first round.

File(s): 20175

Name on File: **Blackwood Anthracite**, Tremont, PA

File(s): 7558

Name on File: **Champale Metropolis Brewery**, Trenton, NJ

File(s): 44200

Name on File: **Colgate-Palmolive Company**, Jersey City, NJ

File(s): 2105

Name on File: **Dorr-Oliver, Inc.**, Fort Washington, PA

File(s): 49739

Name on File: **Florence Mining Company**, Seward, PA

File(s): 1821

Name on File: **Nicolet Industries, Inc.**, Norristown, PA

File(s): 2628

Name on File: **Scott Paper Company**, Essington, PA