



October 22, 1999

The Dow Chemical Company

Mr. Sam Nalluswami  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, MD 20852

Dear Mr. Nalluswami:

Subject: Change of Radiation Safety Officer on License STB-527

The Dow Chemical Company has made the decision to change the current Radiation Safety Officer listed on License STB-527 from Mr. David Hunter to Ms. Maria Sandow. Ms. Sandow's resume is attached for your review. I would appreciate your prompt review of this requested change and the processing of a license amendment to reflect this change.

If you have any questions regarding the information listed please let me know.

Sincerely,

A handwritten signature in black ink that reads "Ben Baker". The signature is fluid and cursive.

Ben Baker  
Project Manager  
The Dow Chemical Company  
2020 Building  
Midland MI 48674

Enclosure (1)

**Maria A. Sandow**  
**Research Associate**

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**Education**

Candidate A.S., Environmental Science, Delta College, Bay City, Michigan, 2000  
Arthur Hill High School, Graduated 1970

**Chronological Work Experience**

Environmental Health and Safety Coordinator, Radian International, Midland, Michigan  
1993 – Present.

Administrative, Dow Environmental Inc., Midland, Michigan/Pittsburgh, Pennsylvania,  
1992 – 1993.

Owner/Operator – ACL Recycling Company, Midland, Michigan, 1988 – 1992.

Owner/Operator, Sandow Farms, Midland, Michigan, 1975 – 1987.

Supervisor, General Motors Corporation, Saginaw Manufacturing Division, Saginaw,  
Michigan, 1970 – 1981.

**Professional Registrations/Certifications**

40 Hour Radiation Safety Officer class in accordance with 10 CFR 20

Radiation Worker II certification in accordance with 10 CFR 20

OSHA - Hazwoper, Site Operations and Emergency Response in accordance with 29  
CFR 1910.120

OSHA - Hazwoper, Supervisor in accordance 29 CFR 1910.120

OSHA - Hazwoper, Refresher in accordance 29 CFR 1910.120(e)(8)

OSHA - Excavation Safety 29 CFR 1926, Subpart P

OSHA - Confined Space Entrant, Attendant, Supervisor, Rescue 29 CFR 1910.146

Instructor for OSHA Construction Safety Standards (OSHA 500)

10- and 30- Hour General Industry Outreach Program Trainer (OSHA 501)

DOT/IATA/IACO Certified Dangerous Goods Shipping Specialist and Trainer

American Red Cross - First Aid, CPR

Instructor of Behavioral Based Safety Program "B-Safe"

**General Work Experience**

Ms. Sandow has more than twenty-five years of diversified construction and manufacturing safety experience ranging from hands-on operations through site safety manager. She currently serves as Environmental Health and Safety Coordinator for the entire Midland Office of Radian International. Under this capacity she oversees overall Health and Safety implementation of all Michigan, Federal and corporate requirements, OSHA recordkeeping, personnel training, medical monitoring and interfacing with major industrial clients. Additionally, other responsibilities include oversight of all hazardous and waste shipments for projects completed by this office.

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**Project Assignments**

Radiation Safety Officer/Sampling Team Member, Consumers Energy Corporation, Big Rock Nuclear Plant, Charlevoix, Michigan, 1999.

Subsurface sampling of soils under and surrounding the containment building.

Superintendent and Health and Safety Officer, The Dow Chemical Company, Project THORAD, Midland and Bay City, Michigan. 1995 - Present:

Responsible for the development and implementation of the Health and Safety Plan and the Radiation Protection Program for the remediation and decommissioning of two low level radioactive waste storage facilities. The facilities represent an area of 47 acres consisting of 7 acres of upland and 40 acres of wetlands, ponds and navigable river environs requiring special wildlife and vegetation protection in addition to worker and public protection. In addition to safety, health and radiation protection in accordance with OSHA, MIOSHA, and the Nuclear Regulatory Commission (NRC), is responsible for managing site(s) security (both manned and remote systems), on-site laboratory operations, verification sampling and waste manifesting, shipping and disposal coordination of approximately 120,000 cubic yards of thorium contaminated material. This project received special recognition from the client and the Midland Area Contractors Safety Council for over 3 years (approximately 200,000 manhours) of OSHA Recordable-Free work which included several deep excavations and excavation entries as well as confined space entries.

Health and Safety Officer, Hampshire Chemical Company, Waterloo, New York, July 1999 - Present:

Responsible for the development and implementation of the Health and Safety Plan for sampling and remediation of a waste storage pit in the plant. This project involved Permit Required Confined Space Entry. Additional hazards included Hydrogen Sulfide emissions and Heat Stress.

Radiation Safety Officer/Sampling Team Leader, Consumers Energy Corporation, Big Rock Nuclear Plant, Charlevoix, Michigan, 1997.

Free Release prescreening of stormwater vault. This was the first structure free-released under the plant's decommissioning program.

Health and Safety Officer, The Dow Chemical Company, Bay City Terminal, Bay City, Michigan, June - August 1999:

Responsible for the development and implementation of the Health and Safety Plan for remediation of this site. This project involved removal of 3000 cubic yards of hydrocarbon contaminated soil and shipment to a treatment facility in Detroit, Michigan.

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Health and Safety Officer, The Dow Chemical Company, Building 969 Drum Removal, Midland, Michigan, 1998

Responsible for health and safety plan development, and implementation of a major drum removal program for The Dow Chemical Company's Michigan Operations. Drum material included R&D and process waste (organic and inorganic) with both hazardous and explosive characteristics. Scope of services included sampling and analysis, staging, repackaging, manifesting and thermal destruction of more than 2300 drums under Level B conditions.

Health and Safety Officer, The Dow Chemical Company, Waste Storage Area IIB, Midland, Michigan, 1994

This project involved the removal of approximately 15,000 cubic feet of dioxin contaminated sludge and 150,000 gallons of water/brine from a storage tank known as the East Storage Tank - Waste Storage Area (WSA) IIB. This project was completed entirely under EPA Level B conditions in Permit Required Confined Space. Heat stress was an additional primary concern. This project was completed OSHA recordable free and received special recognition from the client for both safety and schedule records.

Health and Safety Officer, The Dow Chemical Company, Beaver Creek Remediation, Grayling, Michigan, 1993

Health and Safety Officer for the installations and startup of an air injection system to in situ bioremediate a petroleum hydrocarbon plume migrating off site from a natural gas well field and processing facility. Seventy-nine air injection wells were installed to remediate the groundwater and soils in a wetland area. An air injection "curtain wall" was installed downgradient to intercept the plume and stimulate native microorganisms. This project including trenching, excavation, and confined space entry.