



The Dow Chemical Company
Midland, Michigan 48674

May 10, 2012

Nuclear Materials Licensing Branch
USNRC, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

This letter is a request for an amendment to the Radioactive Materials License 21-00265-06 of The Dow Chemical Company, Midland, Michigan.

Please change the Radiation Safety Committee Chairperson for this license from Dan Rader to Shari Kennett. Ms. Kennett is assuming the responsibilities of the Site Responsible Care Leader for the Dow Michigan Operations site from Mr. Rader and will be taking the responsibilities of Radiation Safety Committee Chairperson.

Ms. Kennett has extensive leadership experience, with a combined 24 years of experience at Dow Chemical, including Production Leadership and Site Management roles in Manufacturing and Supply Chain. Her most recent assignment was as A Business Manufacturing Director for the Dow Solar Business, which included leading the business Quality and Environmental, Health, and Safety organizations. Her training and work experience are summarized in Attachment 1 to this letter.

Ms. Kennett is not a technical expert in the field of radiation safety and has little direct experience in working with radioactive material. However, her management experience and experience in environmental, health, and safety will allow her to effectively lead the Committee. The site Radiation Safety Officer will advise the Chair on technical issues, as necessary, to ensure that the Chair is able to appropriately direct the Committee.

Thank you for your assistance with this matter. If you have any questions, please contact me at (989) 636-1440.

Sincerely,

James R. Weldy, CHP
Radiation Safety Officer
The Dow Chemical Company
1803 Building
Midland, Michigan 48674

Shari Kennett
Responsible Care Leader
The Dow Chemical Company
1790 Building
Midland, Michigan 48674

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Attachment 1

Shari L. Kennett

April 2012 – Present: Michigan Operations Responsible Care Leader, THE DOW CHEMICAL COMPANY

Midland, MI

Lead Environmental, Health & Safety and Emergency Services & Security organizations within Michigan Operations.

February 2010 – March 2012: Dow Solar Business Manufacturing Director, THE DOW CHEMICAL COMPANY

Midland, MI

Created Manufacturing organization for start up business. Converted R&D facility to Market Development Plant to facilitate Dow POWERHOUSE™ Solar Shingle market launch. Designed with the Technology organization, the first full scale production facility. Led business Quality and Environmental, Health and Safety organizations.

- Increased Solar Manufacturing organization from one to almost one hundred in seven months.
- Partnered with Delta College to create seven week operator pre-hiring training program, "Solar Fast Start"
- Developed with the Technology organization, the concept and plans for an intermediate process scale up plant.
- Hired ergonomics consultant to accelerate training and design practices to existing and future Solar Business operations.
- Established improvement culture through implementation of LEAN practices and work processes.
- Created Solar Side Agreement with Corporate Labor Relations and local Union to meet needs of new organization.
- Appointed local Junior Achievement Board member.

March 2006 – February 2010: Ethyl benzene/Styrene Plant Production Director, THE DOW CHEMICAL COMPANY

Freeport, TX

Directed three separate hydrocarbon manufacturing plants located twenty miles apart. Accountable for over 1 billion pounds of annual production, \$80 million annual budget, biennial turnaround preparation and execution, safety and environmental performance and competitive raw material and energy consumption. Supervised over 50 union and salary Dow employees. Led two global styrene manufacturing teams, cost tracking and production leaders' network that encompassed thirteen plants in five countries.

- Shut down smallest plant as part of corporate cost reduction effort. Facilitated job transitions for affected employees.
- Increased styrene energy efficiency by 20% for \$3 million annual savings through application of Six Sigma.
- Reduced product loss to by-product stream by 8% for \$1 million annual savings through control improvements.
- Managed turnarounds of \$4 and \$6 million on budget and without injury or incident.
- Achieved global goal on technology development within three months by coordinating effort in global production leaders' team.
- Improved 2008 global spending commitment by 21% through efforts in cost tracking team to manage budget collectively.
- Increased leadership interaction with union personnel by promoting senior engineer to supervisor.
- Served as Texas Operations United Way Campaign Leader. Achieved 96% of 2008 goal despite interruption of Hurricane Ike.

July 2002 - February 2006: Deer Park Site Manager, THE DOW CHEMICAL COMPANY

Deer Park, TX

Led sole manufacturing site for two products with \$42 million annual budget. Managed operations and utilities including steam, wastewater and deep wells plus shipping, receiving, packaging and quality lab. Supervised 80 Dow employees and contractors. Served as Industry Representative on Deer Park Community Advisory Panel, updated members on plant status and reviewed incidents.

- Worked with corporate Mergers & Acquisitions to divest the Deer Park site November 2005. Assembled data room and met with interested buyers.
- Led transition of site to new owner until contract terms were satisfied and environmental regulatory obligations were met.
- Achieved zero employee attrition during time site was for sale and transferred all employees to new owner.
- Reduced maintenance costs by 29% through work force restructuring and downsizing.
- Reduced packaging and shipping costs by 15% through work force and shipping schedule changes.

August 1999 - June 2002: Global Supply Chain Manager, THE DOW CHEMICAL COMPANY

Midland, MI

Led global supply chain organization for five Performance Chemicals businesses encompassing \$200 million in sales and 45 products. Supervised five employees, three in Europe and other US locations. Managed contract manufacturing which represented 75% of product line. Negotiated exchanges, swaps, contract amendments and applicability. Led multi-national teams to optimize ordering, supply and logistics. Served as Purdue University Industrial Advisory Committee member.

- Established strategy and direction for \$130 million business as member of Dow Biocides Business Management Team.
- Achieved over \$400K synergy savings by integrating Biocide supply chain from two acquisitions, Union Carbide Corporation and ANGUS Chemical Company, into single Dow business.
- Certified as Six Sigma Green Belt and served as Local Champion. Chartered Six Sigma projects worth over \$1 million.

June 1995 - July 1999: Production Supervisor, THE DOW CHEMICAL COMPANY

Midland, MI

Supervised Heat Transfer Fluids manufacturing plant. Responsible for \$11 million budget incorporating twelve products. Served as Purdue University recruiter and Minority Liaison.

- Reduced staff 50% and maintained production output while adding shipping processing responsibilities.
- Managed Herbicide manufacturing facility, including supervising union employees and coordinating \$4.8 million budget.
- Installed \$140K capital on time and under budget to save \$300K annually.

July 1988 - May 1995: Production Engineer, THE DOW CHEMICAL COMPANY

Midland, MI

Supported Salicylic Acid manufacturing process, including installing process improvements and maintaining cGMP quality.

- Provided technical expertise for introduction of Salicylic Acid into three new customer applications.
- Provided engineering support for zippered bag production lines.

Bay City, MI

Master of Business Administration with High Distinction, **UNIVERSITY OF MICHIGAN**, 2001

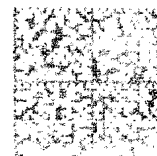
Bachelor of Science with Distinction, Chemical Engineering, **PURDUE UNIVERSITY**, 1988



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