



**KERR-McGEE CORPORATION**

KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

October 1, 1999

Mr. Stewart Brown  
Low-Level Waste & Decommissioning Projects Branch  
Division of Waste Management  
Office of Nuclear Materials Safety & Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Docket No. 70-3073  
License No. SNM-1999

Dear Mr. Brown:

Kerr-McGee Corporation (KMC) is herein notifying the Nuclear Regulatory Commission (NRC) that Mr. Terrence Moore has left the employment of Kerr-McGee. Ms. Karen Morgan, who has been serving as the Radiation Safety Officer (RSO) for the Cimarron Corporation facility in Crescent, Oklahoma, has agreed to take the role of RSO for the Cushing site.

KMC requests a license amendment naming Ms. Morgan as the radiation safety officer for the decommissioning of the Cushing refinery site. A copy of her resume is attached to this letter. The organizational structure of the KM Cushing team will not change, so this requires no change to the organization chart.

If you have any questions or comments, please call me at (405) 270-2694.

Sincerely,

Jeff Lux  
Project Manager

xc: C. L. Cain, NRC Region IV  
Cushing Citizens' Oversight Committee  
Earlon Shirley, ODEQ  
Darrell Shults, ODEQ

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## **KAREN A. MORGAN**

Kerr-McGee Corporation – Cushing Facility  
Rural Route 4, Box 2323  
Cushing, OK 74023  
(405)-282-6722 or (918)-225-7753

### **CAREER SUMMARY**

Mrs. Morgan is a Senior Health Physics and Industrial Safety Professional. Mrs. Morgan has over 20 years of experience in the nuclear industry. Her experience includes overall radiation protection program development and management, overall health & safety / industrial safety program development and management, environmental monitoring program management, laboratory management, management of radioactive waste packaging and shipment, regulatory compliance and regulatory interface, statistical modeling, database management, report and plan development and approval, and quality assurance.

### **PROJECT MANAGEMENT**

Mrs. Morgan has served in numerous capacities with Kerr-McGee Corporation. Mrs. Morgan has recently been assigned as the Radiation Safety Officer for the Cushing Fuel Cycle Facility Decommissioning site and is continuing to serve in the capacities of Radiation Safety Officer and Industrial Safety Coordinator for Cimarron Corporation. In addition, Mrs. Morgan also serves as the Staff Health Physicist.

### **AREAS OF EXPERTISE**

#### **1993 to Present: Staff Health Physicist/Radiation Safety Officer/Industrial Safety – Cimarron Corporation and Cushing**

Responsible for the development and administration of the Radiation Protection and Health/Safety Program to include: radiation safety; industrial safety; health and safety; training to ensure protection for employees, public and the environment during decommissioning and remediation activities; compliance with state and federal regulatory requirements, license conditions, corporate and site procedures and ALARA principles; internal and external monitoring programs; environmental monitoring programs; development of Final Status Survey Plans, Final Status Survey Reports, Characterization Reports and Decommissioning Plans; and regulatory interface. Management of the radiation protection staff, including planning and scheduling work activities. Development of numerous budgets and schedules for health physics support activities. Involvement in the public participatory process. Development and implementation of Radiation Protection Technician Qualification Program and Radiation Safety Worker training program including: technician qualification matrix; lesson plans; student handouts; and exams.

**1984 to 1993: Senior Health Physics Technician / Health Physics Specialist – Cimarron Corporation and Cushing**

Duties included routine and special contamination surveys, collection and in-house laboratory analysis of environmental samples, respirator maintenance, exposure calculations and estimates based on analysis results, repair and calibration of laboratory and field instrumentation and support equipment, decontamination and decommissioning activities supervision, and data accumulation / data management.

**1974 to 1984: Accountability Clerk / Health Physics Technician – Cimarron Corporation**

Duties included routine and special contamination surveys, collection and in-house laboratory analysis of environmental samples, respirator maintenance, decontamination and decommissioning activities support, preparation of plutonium and uranium shipment documentation other NRC related records, and material balance and inventory.

**EDUCATION/CERTIFICATION/TRAINING**

34 Hours towards BS Degree at Eastern Oklahoma State University, University of Central Oklahoma and Oklahoma State University  
Radiation Safety Specialist Program, Oklahoma State University - 1987  
Radiation Safety Instrumentation and Regulatory Compliance Program, Oklahoma State University - 1990  
Radiation Worker / Health Physics Training / Hazardous Waste Management Program Training – Annually  
EPA Regulatory Compliance Seminar – 1991  
HAZWOPER 40-Hour and annual 8-Hour Refreshers – 1991 to present  
Asbestos Abatement Worker / Supervisor Certification  
NRRPT Certification Training Course – 1993  
Radiological Compliance for Site Decommissioning Course – 1995  
Radiation Safety Officer Training Course (40-Hour) – 1995  
Quality Assurance Auditor training – 1995 and 1996  
OSHA Compliance Course – 1996  
HPS PEP Training – HPS Annual Meetings  
Emergency Plan, Low-level Radioactive Waste Transportation, Packaging and Disposal, Instrumentation, Lock-out/Tag-out, DOT training – Annually