

April 24, 1991

**Certified Mail
Return Receipt Requested**

Charles J. Haughney, Chief
Fuel Cycle Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS
U.S. NUCLEAR REGULATORY COMMISSION
Washington, D.C. 20555

RE: License SUB-1010; Docket No. 40-8027
License Amendment Application
License Condition 15, Tamper Detection Device for UF₆
Cylinder Valves; Organizational Change; and Minor
Process Change in UF₆ Reduction Plant

Dear Mr. Haughney:

Sequoyah Fuels Corporation (SFC) submits this application for amendment of Condition 15 of the subject license. SFC would like to remove the association of Condition 15 with a licensee letter to your office dated September 16, 1988. SFC would prefer Condition 15 to read "The licensee shall implement a method to "tamper safe" UF₆ cylinder valves."

As a cost saving measure, SFC is considering adopting the "tamper safe" method employed by the Department of Energy (DOE). A description of the "tamper safe" device currently in use by DOE is exhibited on an attachment to this letter. By removing the restriction implied by the referenced letter of September 16, 1988, SFC will be able to adopt and maintain a "tamper safe" method that is consistent with current industry practice and can remain so as practices change or conditions warrant. SFC intends to exhaust its current supply of "tamper safe" materials, prior to changing to the DOE method.

Additionally, Chapter 11 has been revised to reflect that Scott Munson is the Manager, Health and Safety, and Laurence Silverstein is the Manager, Maintenance. Chapter 16 has been revised to include description of a magnetic separator to be installed in the DUF₄ product handling and packaging line, prior to restart of the UF₆ Reduction Plant later this year.

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PDR ADOCK 04008027
C FDR

Charles J. Haughney
April 24, 1991
Page Two

Should you have any questions regarding this amendment request, please contact me at 918/489-3207.

Best regards,



Lee R. Lacey
Vice President
Regulatory Affairs

LRL:nv

Attachment

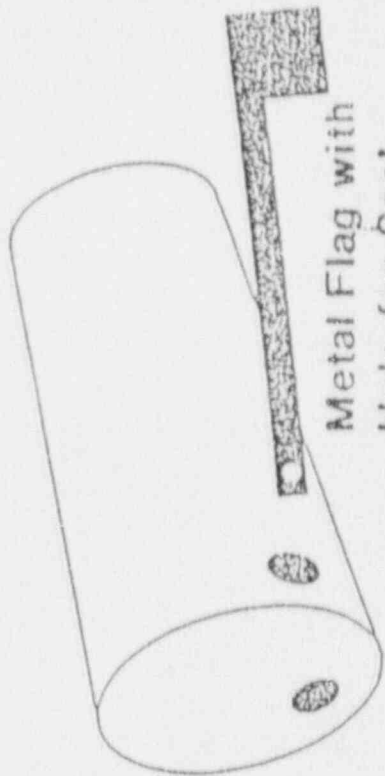
xc: Keith E. Asmussen, General Atomics
A. Bill Beach, NRC - Region IV

"DRINKING CUP" STYLE

TAMPER INDICATING DEVICE

1. Cup fits over entire valve.
2. Flag is installed through holes and underneath valve port.
3. Flag locks cup in place.
4. Seal is attached to flag. Flag cannot be removed without breaking seal.

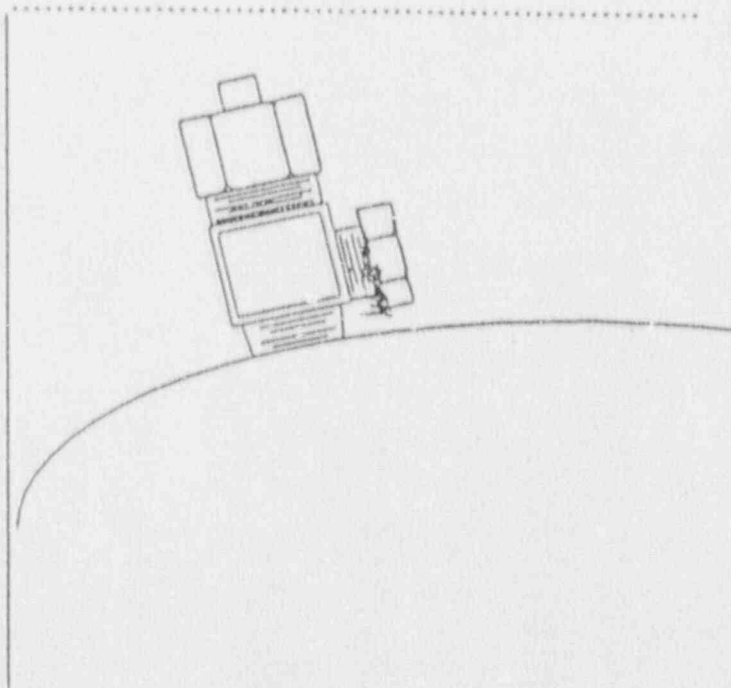
26 oz - 800 ml
Plastic
Drinking Cup



Metal Flag with
Hole for Seal

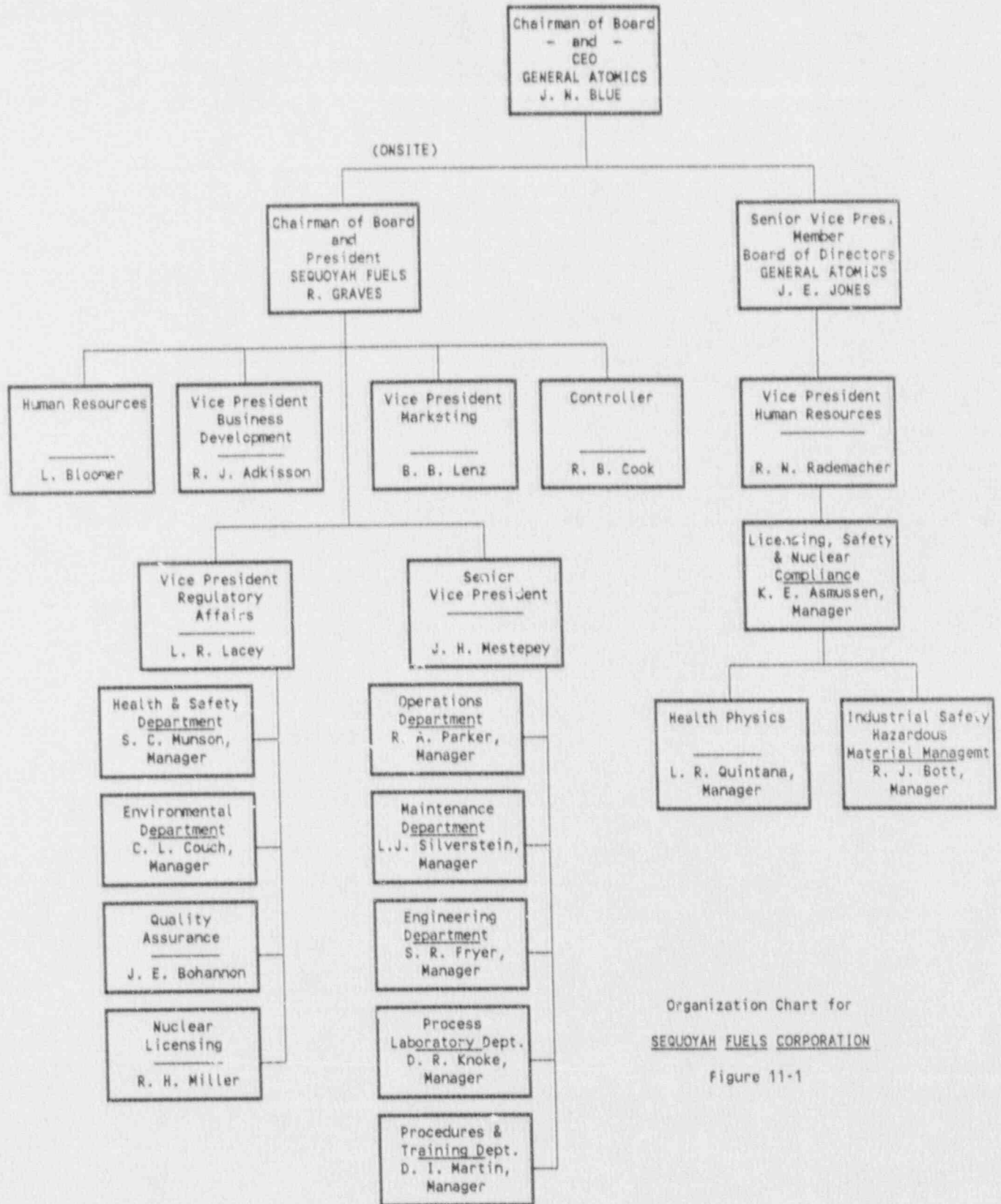


Single Use
Tamper Evident
Seal



LICENSE AMENDMENT INSTRUCTIONS

	<u>Remove Page(s)</u>	<u>Insert Page(s)</u>
Chapter 11	II. 11-2 II. 11-12 thru 11-29	II. 11-2 II. 11-12 thru 11-29
Chapter 16	II. 16-33	II. 16-33



Organization Chart for
SEQUOYAH FUELS CORPORATION

Figure 11-1

- 1980-1981 Senior Health Physics Consultant, Quadrex Corporation, Tulsa, Oklahoma. Supervised health physics, training, and emergency preparedness projects for utility clients. Assigned as Radiation Safety Officer for a radiological facility decontamination project. Revised emergency plans and developed implementing procedures. Developed a comprehensive health physics technician training program.
- 1980 Reactor Health Physics Inspector, U.S. Nuclear Regulatory Commission, Atlanta, Georgia. Conducted inspections of power reactor health physics programs.
- 1977-1980 Health Physicist, Duke Power Company, Charlotte, North Carolina. Assignment to the corporate health physics staff. Responsibilities included training, exposure control, respiratory protection, and procedure development. Performed technical audits and ALARA design reviews.
- 1974-1977 Administrator/Recruiter, U.S. Naval Reserve, Stillwater, Oklahoma. Provided administrative and recruiting support for units of the Naval Reserve.
- 1966-1972 Reactor Operator/Electronics Technician, U.S. Navy. Nuclear Reactor Operator on S1W and S5W submarine reactor plants.

Professional Recognition

- Certified Hazardous Materials Manager
- Registered Environmental Professional
- American Industrial Hygiene Association
- Health Physics Society
- American Board of Health Physics Certification, Part 1
- Certified Hazard Control Manager

Scott C. Munson, Manager, Health and Safety, Sequoyah Fuels Corporation

Education

BS Civil Engineering, North Dakota State University, Fargo North Dakota.
 Ten Week Course in Health Physics and Radiation Protection, Oak Ridge Associated Universities, Oak Ridge, Tennessee.
 Twenty Weeks of Various Short Courses in Radiation Protection.

Experience

4/91- Manager, Health and Safety, Sequoyah Fuels Corporation.

License No. SUB-1010
 Amend. No. Revision

Docket No. 40-8027
 Date 04/24/91

Page
 II. 11-12

- 1983-4/91- Senior Staff Environmental Specialist, Environmental and Health Management Division, Kerr-McGee Corporation, Oklahoma City, Oklahoma. Responsible for interfacing with government agencies in licensing and regulatory matters relating to the operation of uranium mines, a mill and a conversion facility and the decommissioning of plutonium and uranium fuel fabrication facilities and a thorium/rare earths facility. Also provided health physics support to the above operations.
- 1979-1983 Manager, Quality Assurance and Health Physics, Kerr-McGee Chemical Corporation, West Chicago, Illinois. Responsible for development and implementation of the health physics and environmental monitoring programs relating to the decommissioning of the West Chicago thorium/rare earths facility.
- 1975-1979 Environmental Engineer and Manager, Radiation and Noise Control Programs, North Dakota State Department of Health, Bismarck, North Dakota. Responsible for the licensing and inspection of radioactive materials users, registration and survey of radiation producing machines, radiological health regulation development, presentation of training seminars, calibration of survey instruments, environmental monitoring and establishment of an emergency response team. Also developed a state noise control program and assisted communities in the implementation of noise control programs.

Professional Associations

Certified by the American Board of Health Physics.
Member of the American National Standards Institute, Committee N-13, Radiation Protection. American Mining Congress representative.
Chairman of American Petroleum Institute, Naturally Occurring Radioactive Material (NORM) Federal Relations Task Force.

Carolyn L. Couch, Manager, Environmental, Sequoyah Fuels Corporation

Education

BS Biology (Minor in Chemistry), East Central University, Ada, Oklahoma.

Experience

- 4/90- Manager, Environmental, Sequoyah Fuels Corporation.
- 1989-1990 Senior Environmental Engineer, Sequoyah Fuels Corporation.

1985-1989 Environmental Engineer, Sequoyah Fuels Corporation.
1979-1985 Associate Engineer, Sequoyah Facility, Kerr-McGee Corporation.

Joseph E. Bohannon, Quality Assurance Engineer, Sequoyah Fuels Corporation

Education

BS Chemical Engineering, University of Oklahoma.
Registered Professional Engineer in Oklahoma.
Radiation Safety Specialty Training, Oklahoma State University.
Visible Emissions Training, Eastern Technical Associates.
Economic Evaluation and Investment Decision Methods, Colorado School of Mines.
Practical Project Economic Evaluation, A.I.C.H.E.
Selected Diffusional Unit Operations, Oklahoma State University.
Crystallization Technology, Center for Professional Development.

Experience

10/90- Quality Assurance Engineer, Sequoyah Fuels Corporation.
5/89-10/90 Area Manager, DUF₄, Sequoyah Fuels Corporation.
7/87-5/89 Senior Process Engineer, Sequoyah Fuels Corporation.
6/85-7/87 Engineer, Technology Division, Kerr-McGee Corporation.
6/82-6/85 Associate Engineer, Technology Division, Kerr-McGee Corporation.

Robert H. Miller, Nuclear Licensing Engineer, Sequoyah Fuels Corporation

Education

BS Environmental Science, University of Oklahoma.
MS Health Physics, Northwestern University.

Experience

1/91- Nuclear Licensing Engineer, Sequoyah Fuels Corporation.
7/89-1/91 Laboratory Manager, Jacobs Engineering Group.
6/87-7/89 Health Physicist, Jacobs Engineering Group.

Kenneth G. Simeroth, Supervisor-Health Physics, Sequoyah Fuels Corporation

Education

BS Industrial Technology, Northeastern State University.
AA Northeastern State, Tahlequah, Oklahoma (Major: Arts and Physics).
Certificate, Chemical Operator School, Gore, Oklahoma.
Radiological Technologist Course, Rockwell International.

Experience

1/89- Supervisor-Health Physics, Sequoyah Facility, Sequoyah Fuels Corporation.
1970-1988 Senior Health and Safety Technician, [Sequoyah Facility], Sequoyah Fuels Corporation, [Kerr-McGee Corporation].
1970 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.

Ricky L. Callahan, Supervisor-Health Physics, Sequoyah Fuels Corporation

Education

Diploma, Sallisaw High School, Sallisaw, Oklahoma.
Radiological Technologist Course, Rockwell International.
Radiation Technologist Training, Sparks Hospital, Fort Smith, Arkansas.

Experience

9/90- Supervisor-Health Physics, Sequoyah Fuels Corporation.
6/87-9/90 Senior Health and Safety Technician, Sequoyah Fuels Corporation.
1/83-6/87 Health and Safety Technician, Sequoyah Facility, Sequoyah Fuels Corporation [Kerr-McGee Corporation].
1982-1983 Parts Manager, Sallisaw Ford Company, Sallisaw, Oklahoma.
1978-1982 Parts Salesman, Sallisaw Auto Parts, Sallisaw, Oklahoma.

1975-1978 X-Ray Technician, Sparks Medical Center, Fort Smith,
Arkansas.

James H. Mestepey, Senior Vice President, Sequoyah Fuels
Corporation

Education

BS General Science (Chemistry, Physics & Mathematics), Louisiana
State University.

Experience

1/90- Senior Vice President, Sequoyah Fuels Corporation.
11/88-1/90 Vice President, Operations, Sequoyah Fuels Corporation.
7/87-10/88 Manager of Operations, Sequoyah Fuels Corporation.
4/87-7/87 Manager, Special Projects and Process Technology,
Sequoyah Facility, Sequoyah Fuels Corporation.
1985-1987 Senior Project Manager, New York State Energy Research
and Development Authority, West Valley, New York.
1984-1985 Manager, Special Nuclear Studies, Allied Corporation,
Barnwell, South Carolina.
1979-1983 Manager, Plant Engineering and Maintenance,
Allied-General Nuclear Services, Barnwell, South
Carolina.
1977-1979 Manager, Design Engineering, Allied-General Nuclear
Services, Barnwell, South Carolina.
1973-1977 Superintendent, UF₆ Facility, Allied-General Nuclear
Services, Barnwell, South Carolina.
1971-1973 Technical Superintendent, Metropolis Works, Allied
Corporation, Metropolis, Illinois.

Laurence J. Silverstein, Manager, Maintenance, Sequoyah Fuels
Corporation

Education

BS Chemical Engineering, University of New Mexico, Albuquerque,
New Mexico.

License No. SUB-1010
Amend. No. Revision

Docket No. 40-8027
Date 04/24/91

Page
II. 11-16

Experience

4/91- Manager, Maintenance, Sequoyah Fuels Corporation.
1988-4/91 Director of Manufacturing Services, Hanlin Group - LCP, Inc., Wilmington, North Carolina.
1987-1988 Consultant, L.J.S., Inc. Consultant to mid-sized engineering firm.
1979-1987 Plant Manager and Plant Engineer, Velsicol Chemical Corporation.
1966-1978 Plant Engineer and Assistant Production Manager, W. R. Grace and Company.
1962-1966 Assistant Division Manager, NUCOR Corporation.

Sam R. Fryer, Manager, Engineering, Sequoyah Fuels Corporation

Education

BS Chemical Engineering, Massachusetts Institute of Technology.
MBA Marketing Concentrate, Harvard Business School.
Registered Professional Engineer in Oklahoma.

Experience

8/86- Manager, Engineering, Sequoyah Fuels Corporation.
1985-1986 Director, Technology and Engineering, Sequoyah Fuels Corporation.
1980-1985 Manager, Planning and Analysis, Roy M. Huffington, Inc., Houston, Texas.
1977-1980 Manager, Planning, Cities Service Company, Tulsa, Oklahoma.
1966-1977 Manager of Chemicals Getty/Skelly Oil Company. Other positions during this period included Development Engineer, Vice President and Director Chemland Corporation (subsidiary), Vice President and Director Hawkeye Chemical Company (subsidiary), Director Yong-Nam Chemical Company (subsidiary).
1964-1966 Attended Harvard MBA Program.
1960-1964 Development Engineer, Dow Chemical Company.

R. A. Parker, Manager, Operations, Sequoyah Fuels Corporation

Education

BS Electrical Engineering, Western Michigan University.

Experience

1/91- Manager, Operations, Sequoyah Fuels Corporation.
6/86-1/91 Manager, Facility Maintenance, Sequoyah Fuels Corporation.
1982-1986 Superintendent Prep Plant, Kerr-McGee Coal Corporation, Clovis Point Mine.
1980-1982 Senior Construction Engineer, Kerr-McGee Coal Corporation, Jacobs Ranch and Clovis Point Mines.
1979-1980 Construction Engineer, Kerr-McGee Coal Corporation, Jacobs Ranch and Clovis Point Mines.
1978-1979 Development and Implementation of Preventive Maintenance Program, Atlantic Richfield Company, Black Thunder Mine.
1976-1978 Development and Implementation of Preventive Maintenance Programs, Eveleth Mines, Thunderbird Mines.
1975-1976 Electrical Engineer, Hibbing Taconite Company, Hibbing, Minnesota.
1972-1975 Instructor, Michigan Technological University, Houghton, Michigan.
1969-1972 Electrical Engineer, Consumers Power Company, Jackson, Michigan.

Larry A. Tharp, Area Manager, UF₆, Sequoyah Fuels Corporation

Education

BSCHE Chemical Engineering, University of Tulsa.

Experience

10/90- Area Manager, UF₆, Sequoyah Fuels Corporation.
1/89-10/90 Manager, Process Engineering, Sequoyah Fuels Corporation.

1986-1988 Area Manager, Sequoyah Facility, Sequoyah Fuels Corporation.
1979-1986 Senior Process Engineer, Sequoyah Facility, Kerr-McGee Corporation.
1970-1978 Area Supervisor, Sequoyah Facility, Kerr-McGee Corporation.
1969-1970 Senior Engineer, Sequoyah Facility, Kerr-McGee Corporation.
1963-1969 Technical Assistant to the Superintendent, International Paper Company, Pine Bluff, Arkansas.

Tom L. Johns, Area Manager, UO₃, Sequoyah Fuels Corporation

Education

BS Chemical Engineering, University of Arkansas.

Experience

5/89- Area Manager, UO₃, Sequoyah Fuels Corporation.
9/88-5/89 Senior Process Engineer, Sequoyah Fuels Corporation.
1985-9/88 Instrumentation Engineer, Power Specialties, Inc.

Don R. Knoke, Manager, Process Laboratory, Sequoyah Fuels Corporation

Education

BS Chemistry, West Virginia University.

Experience

2/90- Manager, Process Laboratory, Sequoyah Fuels Corporation.
5/86-1/90 Manager, Facility Laboratory, Sequoyah Fuels Corporation.
1986 Senior Analytical Chemist, Sequoyah Facility, Sequoyah Fuels Corporation.
1969-1986 Supervisor, Laboratory Instruments, Sequoyah Facility, Kerr-McGee Corporation.

- 1968-1969 Chemist, Method Development, Sequoyah Facility,
Kerr-McGee Corporation.
- 1966-1968 Chemist, Method Development, Amceel Plant, Celanese
Fibers Company.
- 1957-1966 Chemist, Mallinckrodt Chemical Works, Uranium Division,
Weldon Springs, Missouri.
-

Derrell I. Martin, Manager, Procedures and Training, Sequoyah
Fuels Corporation

Education

BS Secondary Education, Mathematics Major, Northeastern State
University, Tahlequah, Oklahoma.

Experience

- 5/90- Manager, Procedures and Training, Sequoyah Fuels
Corporation.
- 1/88-5/90 Training Coordinator and Manager, Community Relations,
Sequoyah Fuels Corporation.
- 1979-1987 Manager, Industrial Relations/Community Relations,
Sequoyah Fuels Corporation.
- 1969-1979 Administrative Analyst, Sequoyah Facility, Sequoyah
Fuels Corporation/Kerr-McGee Nuclear Corporation.
- 1968-1969 Sales Representative, Liberty Investors Life, Tulsa,
Oklahoma.
- 1965-1968 Manager, Farmers Co-Op of Arkansas and Oklahoma,
Sallisaw, Oklahoma.
- 1964-1965 Mathematics Instructor, Sallisaw City Schools, Sallisaw,
Oklahoma.
-

Jerry Sam Gilbreath, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Vian High School, Vian, Oklahoma.

Experience

- 11/86- Shift Supervisor, Sequoyah Fuels Corporation, Kerr-McGee Corporation.
- 6/78-11/86 Assistant Control Room Operator, Sequoyah Facility, Sequoyah Fuels Corporation.
- 11/71-6/78 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
- 6/71-11/71 Chemical Operator Trainee, Sequoyah Facility, Sequoyah Fuels Corporation.
- 10/70-6/71 Laborer/Sampler, Sequoyah Facility, Sequoyah Fuels Corporation.
-

Sammie N. Moore, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, High School Graduate, Ft. Gibson, Oklahoma.

Experience

- 1/71- Shift Supervisor, Sequoyah Fuels Corporation, Kerr-McGee Corporation.
- 1969-1971 Control Room Operator, Sequoyah Facility, Kerr-McGee Corporation.
-

J. C. Brewer, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Bokoshe High School.

Experience

- 1/72- Shift Supervisor, Sequoyah Fuels Corporation, Kerr-McGee Corporation.
- 1969-1972 Control Room Operator, Sequoyah Facility, Kerr-McGee Corporation.
-

Richard Hughes, Jr., Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Okay High School, Okay, Oklahoma.

Experience

- 4/86- Shift Supervisor, Sequoyah Facility, Sequoyah Fuels Corporation.
- 2/78-4/86 Assistant Shift Supervisor, Sequoyah Facility, Kerr-McGee Corporation.
- 1975-1978 Assistant Control Room Operator, Sequoyah Facility, Kerr-McGee Corporation.
- 1969-1975 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
-

Jimmy D. Hummingbird, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Stilwell High School, Stilwell, Oklahoma.

Experience

- 4/86- Shift Supervisor, Sequoyah Fuels Corporation.
- 1/79-4/86 Assistant Shift Supervisor, Sequoyah Facility, Kerr-McGee Corporation.
- 1970-1979 Control Room Operator, Sequoyah Facility, Kerr-McGee Corporation.
- 1969-1970 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
-

Jerry D. Clapp, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Hobbs High School, Hobbs, New Mexico.
Bailey Computer Training.

Experience

- 11/86- Shift Supervisor, Sequoyah Fuels Corporation.
-

License No. SUB-1010
Amend. No. Revision

Docket No. 40-8027
Date 07/14/89

Page
II. 11-22

1976-1986 Control Room Operator, Sequoyah Facility, Sequoyah Fuels Corporation.

1969-1976 Chemical Operator, Sequoyah Facility, Sequoyah Fuels Corporation.

Barbara Sue Smith, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Braggs High School, Braggs, Oklahoma.
College Training - 3 years - John F. Kennedy College.

Experience

11/86- Shift Supervisor, Sequoyah Fuels Corporation.

1977-1986 Chemical and Relief Operator, Sequoyah Facility, Sequoyah Fuels Corporation.

1977 Labor, Sequoyah Facility, Sequoyah Fuels Corporation.

Deborah Ann Emerson, Shift Supervisor, Sequoyah Fuels Corporation.

Education

GED American Schools, Chicago, Illinois.

Experience

7/87- Shift Supervisor, Sequoyah Fuels Corporation.

1977-1987 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.

1976-1977 Chemical Operator Trainee, Sequoyah Facility, Kerr-McGee Corporation.

1976 Laborer, Sequoyah Facility, Kerr-McGee Corporation.

Lloyd Macarty, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Northeast High School, Oklahoma City, Oklahoma.

License No. SUB-1010
Amend. No. Revision

Docket No. 40-8027
Date 02/12/90

Page
II. 11-23

Experience

6/89- Shift Supervisor, Sequoyah Fuels Corporation.
3/88-6/89 Control Room Operator II, Sequoyah Facility, Sequoyah Fuels Corporation.
1/79-3/88 Assistant Control Room Operator, Sequoyah Facility, Sequoyah Fuels Corporation.
2/78-1/79 Relief Operator, Sequoyah Facility, Kerr-McGee Corporation.
5/71-2/78 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
8/70-5/71 Chemical Operator Trainee, Kerr-McGee Corporation.
6/68-7/70 Salesman, Standard Life Insurance Company, Oklahoma City, Oklahoma.
1/68-6/68 Salesman, B.M.A. Insurance Company, Oklahoma City, Oklahoma.
9/67-12/67 Assistant Service Manager, City Chevrolet, Muskogee, Oklahoma.
12/65-8/67 Chemical Operator, Fansteel Metallurgical, Muskogee, Oklahoma.
8/60-9/65 Route Salesman, Carnation, Phoenix, Arizona.
5/54-7/60 Packing/Shipping Clerk, Macklanburg, Oklahoma City, Oklahoma.

Leroy M. Reid, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Sallisaw High School, Sallisaw, Oklahoma.

Experience

1/89- Shift Supervisor, Sequoyah Fuels Corporation.
1988-1989 Relief and Project Supervisor, Sequoyah Facility, Sequoyah Fuels Corporation.
1986-1988 Area Superintendent, Sequoyah Facility, Sequoyah Fuels Corporation.

License No. SUB-1010
Amend. No. Revision

Docket No. 40-8027
Date 07/14/89

Page
II. 11-24

1979-1986 Shift Supervisor, Sequoyah Facility, Sequoyah Fuels Corporation.
1978-1979 Assistant Shift Supervisor, Sequoyah Facility, Sequoyah Fuels Corporation.
1972-1978 Control Room Operator, Sequoyah Facility, Kerr-McGee Nuclear Corporation.
1969-1972 Assistant Control Room Operator and Chemical Operator, Sequoyah Facility, Kerr-McGee Nuclear Corporation.

Bill F. Bradley, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Sallisaw High School, Sallisaw, Oklahoma.
Connors State College (one year).

Experience

9/87- Shift Supervisor, Sequoyah Fuels Corporation.
1978-1987 Assistant Shift Supervisor, Sequoyah Facility, Kerr-McGee Corporation.
1977-1978 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
1973-1977 Laboratory Technician, Sequoyah Facility, Kerr-McGee Corporation.
1970-1973 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.

Billy Jo McAffrey, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Welch High School, Welch, Oklahoma.
N.E.O.A.M., Miami, Oklahoma.
Oklahoma State University (3-1/2 years), Stillwater, Oklahoma.

Experience

5/89- Shift Supervisor, Sequoyah Fuels Corporation.
10/88-5/89 Chemical Operator IV, Sequoyah Fuels Corporation.

11/87-10/88 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
7/87-11/87 Shift Supervisor, UF₄ Area (temporary assignment), Sequoyah Facility, Kerr-McGee Corporation.
5/78-7/87 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
3/78-5/78 Chemical Operator Trainee, Sequoyah Facility, Kerr-McGee Corporation.
11/77-3/78 Laborer, Sequoyah Facility, Kerr-McGee Corporation.
5/76-5/77 Self-Employed (Farming), Welch, Oklahoma.
9/75-5/76 Oklahoma State University Meat Laboratory, Stillwater, Oklahoma.
5/75-9/75 Self-Employed (Farming), Welch, Oklahoma.

Louie G. Wells, Shift Supervisor, Sequoyah Fuels Corporation

Education

Connors State College - Sociology.
Northeastern State University (95 college credit hours).

Experience

5/89- Shift Supervisor, Sequoyah Fuels Corporation.
10/88-5/89 Control Room Operator II, Sequoyah Fuels Corporation.
3/88-10/88 Control Room Operator I, Sequoyah Fuels Corporation.
8/83-3/88 Assistant Control Room Operator, Sequoyah Facility, Sequoyah Fuels Corporation.
1/79-8/83 Relief Operator, Sequoyah Facility, Kerr-McGee Corporation.
7/73-1/79 Chemical Operator, Sequoyah Facility, Kerr-McGee Corporation.
7/72-7/73 Chemical Operator Trainee, Sequoyah Facility, Kerr-McGee Corporation.
5/72-7/72 Laborer, Sequoyah Facility, Kerr-McGee Corporation.
7/71-5/72 Stilwell Canning Company, Stilwell, Oklahoma.

License No. SUB-1010
Amend. No. Revision

Docket No. 40-8027
Date 02/12/90

Page
II. 11-26

1/71-5/71 Central Mill, Tulsa, Oklahoma.
6/70-9/71 DuPont Plastics, Tulsa, Oklahoma.

Eulous Youngblood, Shift Supervisor, Sequoyah Fuels Corporation.

Education

Diploma, Gans High School, Gans, Oklahoma.

Experience

5/89- Shift Supervisor, Sequoyah Fuels Corporation.
10/88-5/89 Control Room Operator II, Sequoyah Fuels Corporation.
12/80-10/88 Assistant Control Room Operator, Sequoyah Facility,
Kerr-McGee Corporation.
6/78-12/80 Relief Operator, Sequoyah Facility, Kerr-McGee
Corporation.
7/73-6/78 Chemical Operator, Sequoyah Facility, Kerr-McGee
Corporation.
7/72-7/73 Chemical Operator Trainee, Sequoyah Facility, Kerr-McGee
Corporation.
5/72-7/72 Laborer, Sequoyah Facility, Kerr-McGee Corporation.
9/68-1/72 Wards Manufacturing, Fort Smith, Arkansas.

D. K. Isham, Shift Supervisor, Sequoyah Fuels Corporation

Education

Diploma, Vian High School, Vian, Oklahoma.
Associate Degree, Connors State College, Warner, Oklahoma.
Additional College Courses - Westark Community College, Tulsa
University.
Bailey Computer Training.

Experience

1/90- Shift Supervisor, Sequoyah Fuels Corporation.
11/86-1/90 Supervisor, Waste Treatment and Disposal Operations,
Sequoyah Fuels Corporation.

- 1971-1986 Chemical and Relief Operator, Sequoyah Facility,
Sequoyah Fuels Corporation.
- 1970-1971 Assistant Control Room Operator, Sequoyah Facility,
Sequoyah Fuels Corporation.
- 1969-1970 Operator, Sequoyah Facility, Sequoyah Fuels Corporation.
-

Ronald J. Adkisson, Vice President, Business Development, Sequoyah
Fuels Corporation

Education

BBA Marketing/Management, Central State University.

Experience

- 12/88- Vice President, Business Development, Sequoyah Fuels
Corporation.
- 8/83-11/88 Director, Contract Management and Cimarron Operations.
- 1981-1983 Director, Uranium Sales, Kerr-McGee Nuclear Corporation.
- 1979-1981 Manager, Technical Sales, Kerr-McGee Nuclear
Corporation.
- 1978-1979 Manager, Regulatory Claims, Kerr-McGee Nuclear
Corporation.
- 1976-1978 Sr. Planning Analyst - Market Planning, Kerr-McGee
Nuclear Corporation.
- 1975-1976 Claims Representative, Kerr-McGee Corporation.
- 1973-1975 Accountability & Security Supervisor, Kerr-McGee Nuclear
Corporation.
- 1972-1973 Nuclear Technician, Kerr-McGee Nuclear Corporation.
-

Reggie Cook, Controller, Sequoyah Fuels Corporation

Education

BBA, Accounting Major, University of Oklahoma.

Experience

- 11/88- Controller, Sequoyah Fuels Corporation.
-

- 1986-1988 Group Supervisor, Coal/Uranium Accounting, Kerr-McGee Corporation.
- 1981-1986 Supervisor, Coal/Uranium Accounting, Kerr-McGee Corporation.
Joint Venture Coordinator, Nuclear Accounting, Kerr-McGee Nuclear Corporation.
(March-August 1981).
- 1979-1981 Assistant Supervisor, Retail Accounting, Kerr-McGee Corporation.
- 1978-1979 Refinery Accountant, Refining Accounting, Kerr-McGee Corporation.
- 1976-1978 TBA Inventory Control, Refining Accounting, Kerr-McGee Corporation.

After the powder in the off-line bin has been thoroughly blended, UF_4 is discharged through a screw conveyor and through the packaging system into 55-gallon product drums which are filled to a net weight of approximately 1,400 pounds. The product is added to the drum through a ventilated hood resting on the drum. The hood, drum, and scale are contained in a drumming station enclosure. An inline magnetic separator is also included at this point to remove tramp ferrous metals. A dust collector shroud and spill tray are provided for contamination control during cleaning of the magnetic separator. Room air is drawn into the enclosure through any openings in the enclosure to prevent escape of dust to the room. The air leaving the hood and enclosure is filtered through a high efficiency baghouse which discharges to the atmosphere from a stack above the building.

16.4.7 Off-Gas Treatment

The off-gases from the cooling screw conveyor pass through a combination cyclone-filter where entrained dust is removed. The entrained dust drops into a chute forming a seal leg just above a rotary valve which discharges to the discharge end of the cooling screw conveyor, thus combining the dust with the main product stream. The estimated efficiency of the combination cyclone-filter assembly is about 99.97 percent. The off-gases then pass through a backup filter where any small amount of remaining dust is removed. The collected dust drops into a small dust can below the filter. This dust is removed from the collection can via the vacuum cleaning system. Two chemical traps in series are provided downstream of the filters to adsorb any traces of unreacted UF_6 in the off-gas stream. The traps contain beds of granular activated carbon.

16.4.8 HF Recovery, H_2 Burning, and HF Scrubbing

After off-gas treatment, the gases pass through the partial HF condenser and are cooled to approximately minus 10°F. About two-thirds of the contained HF is condensed to a liquid and drained to one of the two AHF rundown tanks. The partial HF condenser is the shell and tube type, with approximately minus 15°F refrigerant on the shell side. The remaining approximately minus 10°F off-gas stream then passes through a final shell and tube HF condenser and is cooled to approximately minus 95°F. Most of the remaining HF is condensed to a liquid and drained to one of the AHF rundown tanks.

The approximately minus 95°F off-gases are then piped to the UF_6 Conversion Plant, fed into its own H_2 burner to burn excess H_2 , and then through the existing waste gas HF scrubber to remove any HF remaining. The amount of H_2 and total gases feeding to this existing scrubber adds only a few percent to the load. The recovered anhydrous HF in the AHF rundown tanks is transferred to the UF_6 Conversion Plant AHF storage tanks.