

Socioeconomic Impacts of Uranium Mining in Virginia

Prepared For:

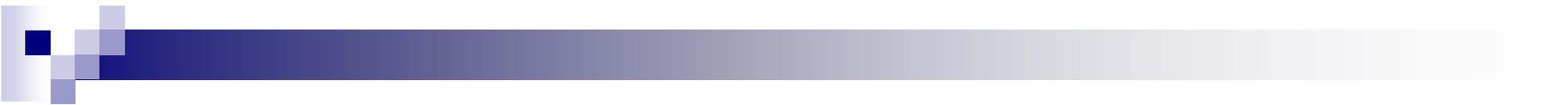
Coal & Energy Commission; Subcommittee on Uranium Mining

Prepared By:

Jack Faucett Associates in collaboration with Sandler Occupational Medicine Associates and Dr. Ronald Cohen of the Colorado School of Mines

Date:

December 8, 2010



Purpose

- The purpose of this presentation is to highlight the JFA Team's ability to successfully perform the proposed socioeconomic impact study



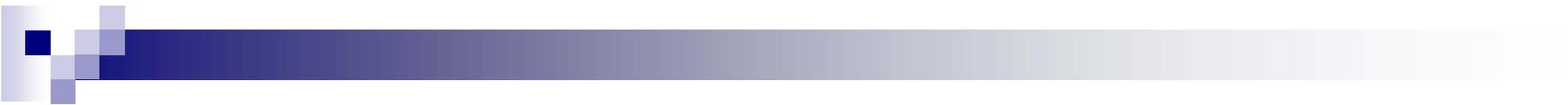
Agenda

- Introduction to the JFA Team
- Discussion of Data Collection Efforts
- Questions and Answers



Introduction to the JFA Team

- Jack Faucett Associates (JFA)
- Sandler Occupational Medicine Associates (SOMA)
- Dr. Ronald Cohen, Colorado School of Mines



JFA

- JFA is a veteran-owned economics and public policy consulting firm headquartered in Bethesda, MD
- JFA is a Virginia certified Small, Women- and Minority-owned Business (SWaM)
- JFA has performed more than 200 socioeconomic impact studies
- JFA has performed 30 major uranium mining and radiological waste management studies
- JFA will lead the social and economic impact analysis efforts



JFA's Mining and Radiological Waste Management Experience

- Economic Analysis of General Public and Worker Protection from Exposure to Radiation Sources for the Nuclear Regulatory Commission
- Compliance Cost Review of Proposed Occupational Exposure Regulations (10 CFR Part 20) for the Nuclear Regulatory Commission
- Nuclear Facilities Safety Evaluation for Workers and Students at the University of Virginia for the U.S. EPA
- Economic Performance of the Uranium Mining Industry for the U.S. EPA
- Regulatory Analysis of Radionuclides Emission Standards for Uranium Mills for the U.S. EPA
- Economic and Regulatory Support for Radioactive Waste, Mixed Waste, Emergency Response, and Other Radiation Programs for the U.S. EPA
- Support for Indoor Radon, Radionuclide National Emission Standards for Hazardous Air Pollutants and Electromagnetic Field Radiation Management for the U.S. EPA
- Regulatory Impact Analysis of the U.S. EPA High-Level Waste Standard (40 CFR Part 191) for the U.S. EPA



SOMA

- Consulting firm that specializes in industrial occupational safety and toxicology
- Serves mining, chemicals, manufacturing, transportation, and utilities industries
- Anish Ranpuria, SOMA analyst on proposal team, is a member of the Safety Committee of the Industrial Minerals Association
- SOMA will lead public health impact analysis efforts



Dr. Ronald Cohen

- Professor of environmental sciences and engineering at Colorado School of Mines
- Consultant to World Bank and AngloGold on international mine environmental audits
- Currently providing uranium mining environmental impact mitigation consulting services to the South African Government
- Dr. Cohen will lead environmental impact analysis efforts

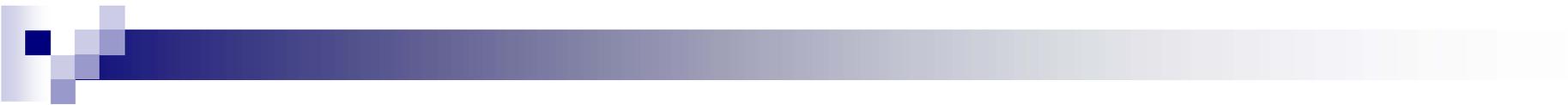
JFA Team's Skill Matrix

	JFA	SOMA	Ronald Cohen, Colorado School of Mines
Socioeconomic Impact Analysis of Uranium Mining	★		
Economic Development Impact Analysis	★		
Government Services and Regulation Impact Analysis	★	★	★
Public Health Impacts of Mining and Radioactive Waste Management		★	
Environmental Impact Analysis of Uranium Mining	★		★
Stakeholder Outreach and Input Facilitation	★	★	
Marketing Material Development (Brochures, Presentations, Websites)	★	★	



Discussion of Data Collection Efforts

- Economic Development
- Government Services and Regulation
- Public Health and Environment
- Social Impacts



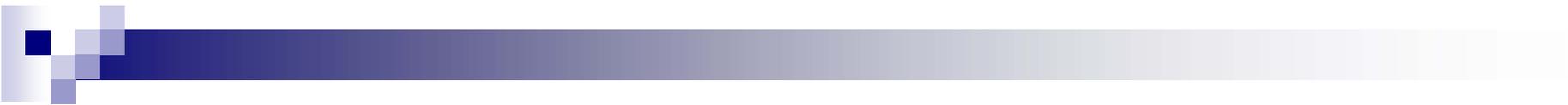
Economic Development

- The JFA Team will develop a detailed profile of the expected Virginia uranium mining industry
 - Deposits / Mines
 - Jobs / Skills Needed
 - Revenue / Taxes
 - Economic impact analysis (IMPLAN)



Government Services and Regulation

- Government costs of regulating and monitoring mine activities
- Local infrastructure impacts (e.g. roads and schools)
- Disaster preparedness



Public Health and Environment

- Potential health risks for workers and residents
- Potential costs of associated health care and illness
- Impact on natural surroundings, especially tourism and biodiversity hotspots
- Environmental justice impacts
 - Are economically disadvantaged groups significantly affected?
 - What resources do affected groups have to seek redress?
- Review of mine post-closure plans



Social Impacts

- Effect on internal and external image of region
- Stakeholder confidence in government to mitigate negative impacts
- Impact on local institutions (e.g. local businesses, schools)



Q&A. Thank you!

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