

MAYOR'S NUCLEAR OPPORTUNITIES TASK FORCE

John Heaton, Chairman

Presentation Agenda

- Objectives of the Task Force
- Who are the members & meetings
- Project Opportunities:
 - WIPP
 - Consolidated Interim storage
 - Small Modular Reactors
 - Medical & Industrial Isotopes
 - Congressional Agenda
 - Consent Based Siting Advocacy

TASK FORCE OBJECTIVES

- Develop and Support Specific Spin-offs of the Nuclear Industry
- Support WIPP's Safe, Quick Recovery
- Support Holtec's Efforts with License Application, License and Operations
- Expand WIPP's Mission
- Community Assurance Program

WHO IS THE TASK FORCE?

- Made up of some 50 members of the community
- Includes Citizens, Contractors, DOE, CDOD, Chamber, County Commissioners, City Council Members and any interested citizens.
- We through a fixed agenda, but open
- Meet 2 or 3 times a month

WIPP

- Now more focused on progress & problems
- Advocate for Budget in D.C.
- New Opportunities:
 - TRU Waste Definition Changes
 - Advocacy for High Thermal Load Testing
 - Change LWA advocacy
 - Review Permit Modifications Presented

DEFINITIONS

- Transuranic Waste:
 - Transuranic waste is radioactive waste, regardless of the origin or prior classification, with fission product concentrations that do not exceed Class C LLW limits and containing more than 100nCi/g of alpha-emitting transuranic isotopes with half-lives greater than 20 years.
 - Long lived alpha emitting high activity waste, regardless of the origin or prior classification of the waste, with fission product concentrations that do not exceed Class C LLW limits and containing more than 100nCi/g of alpha-emitting transuranic isotopes with half-lives greater than 20 years.

Definintions (cont.)

- Repeal of WIPP Volume Limitations:
 - Section 114(d) of the Nuclear Waste Policy Act of 1982 (42 U.S.C 10134(d) is amended by striking the second and third sentences. Section 7(a)(3) of the Waste Isolation Pilot Plant Land Withdrawal Act of 1992 is amended by replacement with:
 - “(3) WASTE CAPACITY:
 - The total capacity for disposal of waste within the Withdrawal will be established by the Secretary through analysis consistent with the disposal regulations issued by the Administer, and contained in subpart B and the Groundwater Protection standards found in Subpart C of part 191 of title 40, Code of Federal Regulations.”

Eddy-Lea/Holtec

Consolidated Interim Storage

- Holtec has a Purchase Option with ELEA
- Holtec commits to obtaining a license
- Holtec commits to developing a viable business case
- ELEA commits to supporting them
- Holtec has most secure, safest and flexible system in the world

Thank you, Thank you for your Support!!

SMALL MODULAR REACTORS

- No Nuclear Power = No High Tech Business
- No Nuclear Power = No Climate Reversal
- State SMR Committee
 - In process of pre-feasibility study
 - Best locations
 - Economics – factory manufactured
- Very advanced using convection- few pumps
- Holtec has a 160 MWe SMR

MEDICAL & INDUSTRIAL ISOTOPES

- Los Alamos has one of the most advanced capability for isotopes in the world
- 50 million Isotopic Procedures Annually
 - We produce no Moly 99 for Medical Use
- Thousand of Industrial uses, well logging, markers, agriculture, testing
- UNM has a Nuclear Engineering Program
- All three Research Universities ally with Labs
- Huge demand

CONGRESSIONAL AGENDA

- Support and Work WIPP's Budget
- Work on LWA changes
- Work to get Interim Storage Legislation to support financially

CONSENT BASED SITING ADVOCACY

- WIPP is the model
- Cannot afford another Yucca or PFS
- States should have a say so
- DOE should define ground rules
- DOE should define legal standards
- DOE should define state incentives
- Begins with community & works thru state
- State will need final agreement with DOE

NEVER DOUBT THAT A SMALL
GROUP OF THOUGHTFUL
COMMITTED CITIZENS CAN
CHANGE THE WORLD.
INDEED, IT IS THE ONLY
THING THAT EVER HAS

- Margaret Mead