YUCCA MOUNTAIN PROJECT TRANSPORTATION PROGRAM

- INTRODUCTION
- HIGHWAY ROUTING
- RAIL ACCESS
- NEVADA INTERACTIONS
YUCCA MOUNTAIN PROJECT
TRANSPORTATION PROGRAM COMPLEMENTS
HQ TRANSPORTATION INITIATIVES

COMMUNICATES HQ RESULTS AT STATE AND LOCAL LEVEL

- PROVIDES EARLY FEEDBACK ON POTENTIAL STRATEGIES

DEVELOP INFRASTRUCTURE TO REPOSITORY

- RAIL ACCESS 100 MILES OR MORE FROM SITE
- HIGHWAY ACCESS IS CURRENTLY THROUGH LAS VEGAS

ADDRESSES ISSUES OF THE POTENTIAL HOST STATE

- TRANSPORTATION IS LARGEST SINGLE ISSUE WITH PUBLIC
YUCCA MOUNTAIN PROJECT HAS LEAD IN RAIL AND HIGHWAY SITE ACCESS STRATEGY

HIGHWAY STRATEGY

- IMPLEMENT DOT REGULATIONS
- IDENTIFY ROUTES OF INTEREST TO DOE
- DOE HAS PROVIDED TECHNICAL EVALUATION TOOLS FOR STATE ROUTE EVALUATIONS

RAIL STRATEGY

- DEVELOPMENT OF ROUTE TO POTENTIAL SITE
- OPTIONS TO REGIONAL CARRIERS
- ADDRESS REAL AND PERCEIVED ISSUES
INITIAL YUCCA MOUNTAIN PROJECT HIGHWAY ROUTING EVALUATIONS COMPLETE

ROUTES UNDER CURRENT DOT REGULATIONS

- CURRENTLY INTERSTATE 15/US 95 THROUGH LAS VEGAS
- NEVADA DOT EVALUATING ALTERNATES

SECTION 175 REPORT

- INITIAL INFRASTRUCTURE EVALUATIONS
HIGHWAY ROUTING REPORT WAS RELEASED IN APRIL 1989

CLARIFY HM-164 ROLE OF DOE AS SHIPPER

- CARRIER SELECTS ROUTES NEARER TIME OF SHIPMENT
- OCRWM ONE OF SEVERAL HIGHWAY ROUTE CONTROLLED SHIPPERS
- REPORT DOES NOT SELECT ROUTES

COMMUNICATE TO PUBLIC ON ROUTE SELECTION PROCESS

- NEVADA DOT AND GOVERNOR MAY DESIGNATE ALTERNATES TO INTERSTATE HIGHWAYS

IDENTIFY ROUTES OF INTEREST TO OCRWM

- ALTERNATIVES TO GOING THROUGH LAS VEGAS
- DOE HAS NO PLANS TO USE HOOVER DAM ROUTE
I
IDaho
OREGON
WENDOVER
WINNEmuCCA
Ely
ELY
STATE OF NEVADA
LAgES
alt: 93
SALT LAKE CITY
CITY
NEVADA
TOnOPAH
CALIFORNIA
Pattern HIGH LEVEL
WASTE ROUTES ALLOWED
BY DOT REGULATIONS
ALTERNATIVE ROUTES FOR
POSSIBLE EVALUATIONS BY
THE STATE OF NEVADA
NEVADA HIGHWAY
RAUTES TO YUCCA
MOUNTAIN
BARSTOW
NEEDLES
KINGMAN
ARIZONA
UTAH
IDaho
OREGON

ARIZONA
CALIFORNIA
NEVADA
NEVADA
TEST
SITE
YUCCA MTN.
SALT LAKE
CITY
WINNEMUCCA
FUTURE RAIL ACCESS WORK TO FOCUS ON THREE POTENTIALLY FEASIBLE RAIL ACCESS ROUTES

PRELIMINARY EVALUATIONS COMPLETE FOR CARRIER ACCESS; ENGINEERING FEASIBILITY AND LAND USE CONFLICTS

OTHER ROUTES TO BE MONITORED
LEGEND

+++ SOME PROPOSED RAIL ALTERNATIVES

1 VALLEY
2 ARDEN
3 JEAN
4 CRUCERO
5 LUDLOW
6 MINA
6A MINA OPTION
7 CALIENTE
8 CARLIN
9 CHERRY CREEK

--- FOCUS OF FUTURE EVALUATIONS

PROPOSED RAIL ALTERNATIVES AND NEVADA STATE RAIL NETWORK 1989
PUBLICATION OF CURRENT RAIL ROUTES AND EVALUATIONS IS SCHEDULED FOR DECEMBER 1989

<table>
<thead>
<tr>
<th>ROUTES RECOMMENDED FOR ADDITIONAL FEASIBILITY EVALUATIONS</th>
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<tr>
<td><strong>LENGTH (MI)</strong></td>
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NOTE: NOT TO SCALE
ADDITIONAL FEASIBILITY EVALUATIONS NEEDED TO SUPPORT A SITING DECISION WILL START IN FY90

CONCEPTUAL DESIGNS

- REFINE TECHNICAL FEASIBILITY
- BUDGET QUALITY COST ESTIMATES
- BASIS FOR LAND ACCESS AND ENVIRONMENTAL PLANNING

STATE AND LOCAL PARTICIPATION

SUPPORT HQ OPERATIONS PLANNING
THE NUCLEAR WASTE POLICY ACT ALLOWS
A BROAD RANGE OF ACTIVITIES TO MITIGATE
TRANSPORTATION ROUTING ISSUES IN
POTENTIAL HOST STATES

CONSULTATION AND COOPERATION AGREEMENT

AGREEMENTS WITH NUCLEAR WASTE NEGOTIATOR

GRANTS TO STATE AND LOCAL GOVERNMENT

- EVALUATIONS OF IMPACTS
- OVERSIGHT OF DOE
- NWPAA ALLOWS FOR REQUESTS FOR
  MITIGATION FUNDS
- INFORMAL CONSULTATIONS

ASSESSMENT OF POTENTIAL IMPACTS AND POTENTIAL MITIGATION
STRATEGIES
ASSESSMENT OF TRANSPORTATION IMPACTS IN NEVADA TO CONTINUE OVER LIFE OF PROGRAM - SYSTEM DATA COLLECTION INITIATED

STATE, LOCAL AND FEDERAL AGENCIES

- PAVEMENT DATA
- ACCIDENT RATES AND SEVERITIES
- ACCIDENT LOCATIONS
- HAZARDOUS MATERIAL FLOWS
- TRAFFIC CHARACTERISTICS
- EMERGENCY RESPONSE

FIELD SURVEYS

- POPULATION DATA
- IMPACT HAZARDS NEAR ROUTES

RAILROAD COMPANIES

- SUPPLEMENT FEDERAL REPORTS
YUCCA MOUNTAIN PROJECT RECOGNIZES THAT NATIONAL TRANSPORTATION ISSUES ARE ALSO MAJOR PUBLIC CONCERN IN NEVADA

ISSUES

- IN STATE ROUTING
- CASK SAFETY
- EMERGENCY RESPONSE IN NEVADA

MAINTAIN A CURRENT PUBLIC DIALOG

- SEMIANNUAL PUBLIC UPDATE MEETINGS
- INFORMATION OFFICES
- PRESENTATIONS TO COMMUNITY GROUPS
YUCCA MOUNTAIN PROJECT
TRANSPORTATION ACTIVITIES ARE BOTH TECHNICAL AND INSTITUTIONAL

- HIGHWAY ROUTING PRIMARILY STATE/CARRIER RESPONSIBILITY

- RAIL ROUTING RESPONDS TO CONSTRUCTION, OPERATION AND PERCEIVED ISSUES

- TRANSPORTATION IS AN INTEGRAL PART OF PROJECT ACTIVITIES IN NEVADA