Emergency Preparedness Project

Anchorage School District Emergency Preparedness
Presented to the Alaska Seismic Hazards Safety Commission
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George Vakalis
Anchorage School District, Carol Comeau, Superintendent
Support Services Division, George Vakalis, Assistant Superintendent
Anchorage, Alaska
Anchorage, Alaska

- Population: 260,000
- 95 Schools
- 50,000 Students
- 6,000 Employees
Profile:
- International Air Crossroads
- Tourist Destination
- Center for Goods and Services
- Seaport and Railway Hub
- Military Bases

Hazards:
- Earthquake
- Wildfire
- Avalanche
- Man Made Disasters
Project Objectives

- 21 school shelters
- Housing for 21,000 students and staff
- Operate without city services
- Operate for 72 hours without additional fuel or septic services
Shelter Sites

8 High Schools

- Chugiak
- Eagle River
- Bartlett
- East
- West
- Dimond
- Service
- South
Shelter Sites

7 Middle Schools

- Goldenview
- Gruening
- Hanshew
- Mears
- Romig
- Wendler
- Clark (temporary substitute for Muldoon, now under construction)
Shelter Sites

6 Elementary Schools

- Girdwood
- Russian Jack
- Scenic Park
- Trailside
- Tyson
- Willow Crest
Project Components - School Shelters

- Power production
  - Generators
  - Electrical system upgrades
- Heat
  - Dual fuel boilers
- Diesel fuel storage for generators and boilers
- Disaster supplies
  - Container
  - Slab
  - Spider
- Septic vault
<table>
<thead>
<tr>
<th>Shelter Supplies</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ 7,500 trash bags</td>
</tr>
<tr>
<td>▪ 22 cases paper products</td>
</tr>
<tr>
<td>▪ 54 boxes cleaning agents</td>
</tr>
<tr>
<td>▪ 6 trash cans</td>
</tr>
<tr>
<td>▪ 12 portable toilets</td>
</tr>
<tr>
<td>▪ 6 brushes and brooms</td>
</tr>
<tr>
<td>▪ 1,744 pair gloves</td>
</tr>
<tr>
<td>▪ 2 trauma kits</td>
</tr>
<tr>
<td>▪ 1 case extra gauze</td>
</tr>
<tr>
<td>▪ 10 pathogen cleanup kits</td>
</tr>
<tr>
<td>▪ 2 search and rescue kits</td>
</tr>
<tr>
<td>▪ 1,000 blankets</td>
</tr>
<tr>
<td>▪ 300 sleeping pads</td>
</tr>
<tr>
<td>▪ 100 orange vests</td>
</tr>
<tr>
<td>▪ 3 water coolers</td>
</tr>
<tr>
<td>▪ 1,000 cups</td>
</tr>
<tr>
<td>▪ 2 water pumps</td>
</tr>
<tr>
<td>▪ 12 flashlights</td>
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<tr>
<td>▪ Miscellaneous supplies</td>
</tr>
<tr>
<td>▪ batteries, duct tape, nails, screws, plastic sheeting, extension cords, gas cans, fire extinguishers, hand carts, ladder, work lights, powdered lime</td>
</tr>
</tbody>
</table>
Project Components - Support Services buildings

- Student Nutrition
  - Water
  - Food
  - CNG
  - Generator

- Maintenance
  - Generator

- Pupil Transportation
  - Generator

- Warehouse
  - Shelf anchoring
  - Generator
Construction Schedule

- Emergency supply containers: In summer 2005
- Slabs, septic vaults: 19 done fall 2006
- Spider: Operational fall 2005
- Generators and electrical upgrades: 14 completed as of fall 2006
- Dual fuel boilers: 15 done by fall 2006
- Water storage, treatment and bottling: Completed summer 2006
- Remaining support facilities: In by fall 2006
Remaining Work

- Generators, boilers for 5 elementary schools (final design due early 2007)
- Generator/boilers for Service HS and Muldoon MS tied to ongoing construction
- Chugiak HS and Gruening MS pending MEA tariff issue
Funding – Almost entirely voter-approved capital

- 2003 Emergency Preparedness bond
- 2003 Major Maintenance bond
- 2003 School Board (fund balance) appropriation
- 2003 Operations and Maintenance department contributions
- 2004 Major Maintenance bond
- 2004 Operations department contribution
Putting it all Together – Progress since 2003

- New Emergency Action Plans (per AS 14.33.100)
- New equipment
  - Radios
  - Containers
  - Supplies
- Now need to train using new plans and equipment
Training Plans 2006-2008

- Red Cross Shelter Management
- AFD Light Urban SAR
- OEM Building Damage Assessment
- 2006 Department of Education ERCM Grant (with NLETC/NIJ partnership)
Home Preparedness

- We need employees squared away at home so they can return to work
- Red cross and MOA home preparedness guides out and available
- ASD guide out fall 2006
Questions