TRANSPORTATION OF SPENT NUCLEAR FUEL

San Onofre Community Engagement Panel (CEP)
San Juan Capistrano, California
June 22, 2016
Jack Edlow, President
EDLOW INTERNATIONAL COMPANY

53 Years of Excellence in the Shipment of Spent Fuel

Sam Edlow and USAEC  
Shipment from Taiwan  
SNF from Colombia
OVER 50 YEARS OF SHIPMENTS

First Shipment of Spent Reactor Fuel in 1963
TRANSPORT BY RAIL
TRANSPORT BY ROAD
TRANSPORT BY SEA
EMERGENCY PREPAREDNESS

Danger in Colombia

8.8 Earthquake in Chile
SNF TRANSPORTATION VIA DEDICATED VESSEL

PNTL – Pacific Egret  

Diagram of PNTL Ship

Pictures courtesy of International Nuclear Services (UK)
SNF TRANSPORTATION

Loading of Cask  Loading of Cask

Pictures courtesy of International Nuclear Services (UK)
SNF TRANSPORTATION

Transportation of MTR Fuel

Transportation of MTR Fuel

Pictures courtesy of International Nuclear Services (UK)
SNF TRANSPORTATION

Ship to Rail

Rail Shipment of SNF

Picture courtesy of International Nuclear Services (UK)

Picture courtesy of Direct Rail Services, Ltd. (UK)
SNF TRANSPORTATION

Time-lapse Video of Cask Loading

Picture and Video courtesy of International Nuclear Services (UK)
THE WAY FORWARD

Based on our desktop review, there do not appear to be any major obstacles to prevent the transport of commercial power reactor fuel to the ELEA Project site in New Mexico or any other licensed site under present regulations.
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