



# NOME JOINT UTILITY SYSTEM

a component unit of **CITY OF NOME**  
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## NEW POWER GENERATION FACILITY 2005 CONSTRUCTION ACTIVITY PHOTOGRAPHS July 16 - December 4, 2005



**Report Date: December 5, 2005**



**It seemed the piles of rebar were never-ending, yet employees remained positive - thankful for a relatively rain-free summer. The final grade beam forms were completed and rebar tied.**



**Grade beams poured and stripped on south end of facility; now framed and tied on north end.**



**Additional grade beams being poured.**



**Frames stripped. Now...more rebar in preparation for the floor slab.**



**After additional compaction, installation of the rebar mat for the slab begins.**

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***Dixie studies the activity with great interest from her front seat; Sidewalk Superintendent Velvet Eyes is a little less attentive to the details.***





**September 9, 2005. The long-awaited barge from Seattle carrying the new generators, building package and other construction materials approaches the Nome Port.**





**Generators are offloaded from Northland barge and transported by truck to the Port Industrial Pad; each unit weighs over 200,000 pounds**





**Power Plant mechanics take their first look — “WOW!”**



**Barge container vans and materials being delivered to site.**

**In order for construction to proceed on schedule, materials had to be procured for shipment on the fall barge. Northland picked up materials in both Seattle and Anchorage for delivery to Nome.**

**Over 40 vans and flats of construction materials were received.**



**Concrete pours for the floor slabs were begun in September.**

**Because of the volume of concrete, pours had to be completed in several individual sessions.**

**Construction teams watched weather forecasts closely. When it seemed apparent the weather would not cooperate, crews donned rain gear and built tents over the slab.**

**Once started, a section had to be completed - resulting in some all night marathon sessions...**





**While the concrete pour was ongoing, the insulated building panels and steel frame were inventoried, sorted and staged. [Existing power plant in background of lower picture.]**



**The first building column was lifted into position on September 24, 2005.**



October 5, 2005. Generators moved to permanent position in New Power Generation Facility.





**South End.**



**North End.**

**Building frame nearing completion.**



**First shell panels installed October 19, 2005.**



**West wall complete October 21.**



**East wall nearing completion October 31.**



**November 3, 2005**

**Work is progressing nicely on the roof.**

**The building was virtually closed in prior to Thanksgiving.**



**View from southeast corner.**



**View from northeast corner.**

**Photos looking at facility location from Port Industrial Pad to the southwest.**





**New switchgear cabinets**



**Interior view of generators in bay.**

**Construction schedule:**

- December 5-17**      **Complete building trim and installation of exterior doors**
- December 7-9**      **Complete interior mezzanine concrete pours**
- December 12-16**    **Position switchgear**
- December 17**      **Christmas Holiday**
  
- January 3, 2006**    **Begin interior work: plumbing, electrical, framing –  
pending availability of funding**
  
- October 1, 2006**    **Commission new plant**



**John Handeland, Nome Utility Manager and Leo Rasmussen, USDA Nome Area Manager with one of signs acknowledging Denali Commission and USDA project assistance.**