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April 15, 1997



Outline

- Design Status and Variances
 - »Hanford, WA
 - »Livingston, LA
- Construction Status and Variances
 - »Hanford, Wa
 - >>Livingston, LA



- Design phase for both the Hanford and the Livingston sites were completed.
- Hanford, WA
 - >>During this period, the bid package for the installation of the beam tube enclosure was completed and the contract was awarded to Levernier Construction Co.
 - Since the start of the building construction, only one minor revision has been made to the building drawings.
 - -Rearrangement of Office Area



- Hanford, WA
 - Since the start of the beam tube enclosure/slab contract, also, one minor revision has been made to the design drawings
 - The beam tube enclosure slab design was revised to facilitate the slipforming operation
 - —No cost impact
 - -Accelerated the performance schedule



- Livingston, LA
 - >>The construction bid documents for Building and Infrastructure were completed and the contract was awarded to Hensel Phelps Construction Co.
 - -Livingston design is similar to Hanford design except for the site specific conditions.
 - **—LVEA** building is sized to accommodate two full length interferometers.
 - -Mid stations are significantly smaller, will house a Gate Valve only.



- Livingston, LA
 - The construction bid documents for the beam tube enclosure were completed and the contract was awarded to Woodrow Wilson Construction Co.
 - —Design is similar to the Hanford design except for the site specific conditions.
 - >> Settlement study of the berm was performed:
 - —When it was determined that the majority of the settlements had occurred, the construction activities were initiated.



Construction Status and Variances

- Hanford, WA
 - »Building and Infrastructure
 - -Construction is about 40 to 45% complete:
 - —Total days lost due to inclement weather is 28. Completion dates are still within late finish dates.
 - —Following the inspection of initial deliveries, performed an audit of the HVAC system to determine the cleaning requirements. This effort delayed some equipment deliveries.
 - —Substitution of siding material resulted in minor cost growth and minimal schedule impact.



Construction Status and Variances

- Hanford, WA
 - »Beam Tube Enclosure Fabrication and Installation
 - The fabrication of the beam tube enclosure segments was completed on schedule within the awarded contract value.
 - -A secondary lifting fixture was added to the lifting device for Safety
 - —Installation of the beam tube enclosure segments is nearly completed on the northwest arm (x arm)



Construction Status and Variances

Livingston, LA

>>Site

- Rough grading of the site was completed within the budget
- 166 days lost to inclement weather resulted in a schedule slip of 5 months (8/96 to 1/97)
- —Rough grading of the berm at the end station of the southeast arm was completed 8/96. The measured settlement rate was better than predicted
- -The distribution of electric power along arms started
- —Contract for QA was awarded to Delta Testing and Inspection, Inc.
- —Contract for Surveying Support was awarded to Simmons J. Barry & Associates



Construction Status and Variances

- Livingston, LA
 - >> Building and Infrastructure
 - Construction of the Building and Infrastructure has been started at corner and end stations
 - »Beam Tube Enclosure Fabrication and Installation
 - The service roads subgrade was treated with cement to provide a stronger subbase and to assure a stable working surface.
 - The gravel base for the service roads was completed.

