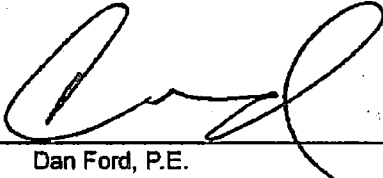
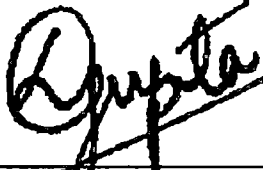


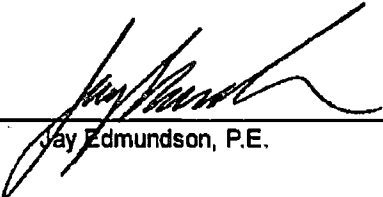
Palo Verde Nuclear Generating Station - APS Aux Hoist Reeving Calculations

**Morris Material Handling
Calculation # 36676-26
Customer PO # 500556483**

Revision # 05

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Adjusted Methodology section
Changed Calc Title
Added calc # and revision to all pages

| | | |
|---|--|--------------------|
| 2 | Adjusted seismic factor Changed rope specs to reflect design changes Updated drum analysis to reflect design changes | January 31, 2013 |
| 3 | Updated References section Updated drum analysis to reflect design changes Updated calculation to address comments | February 3, 2017 |
| 4 | Added Section 5.3.5 Added note to Section 5.1 to reflect comments Updated References section | September 1, 2017 |
| 5 | Added Section 5.3.4.4 | September 28, 2017 |

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1. PURPOSE

Evaluate the aux hoist reeving system for the 35 ton Single Failure Proof containment building polar crane and verify that it meets the requirements of the specification as given in Ref. 9.

The Remaining 118 pages
are considered Proprietary