



Structural Engineering Project

ALLIANT TECHSYSTEMS WATER TOWER ANALYSIS **Structural Analysis Project**



PROJECT DESCRIPTION:

- ◆ Performed site investigation and seismic evaluation of existing 750,000 elevated water tank approximately 260' tall. Prepared detailed report with repair recommendations and professional opinion of stability of structure.
- ◆ Analysis and repair recommendations were reviewed by Navy and West Valley City Engineers. Particular attention was given this structure since several homes were built around this tower. Concerns were raised by local residence that a collapse of the structure would pose a life safety concern and severe property damage. The design had to meet the minimum building code requirements as prescribed by the International Building Code and American Society of Civil Engineering Standard 7.



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