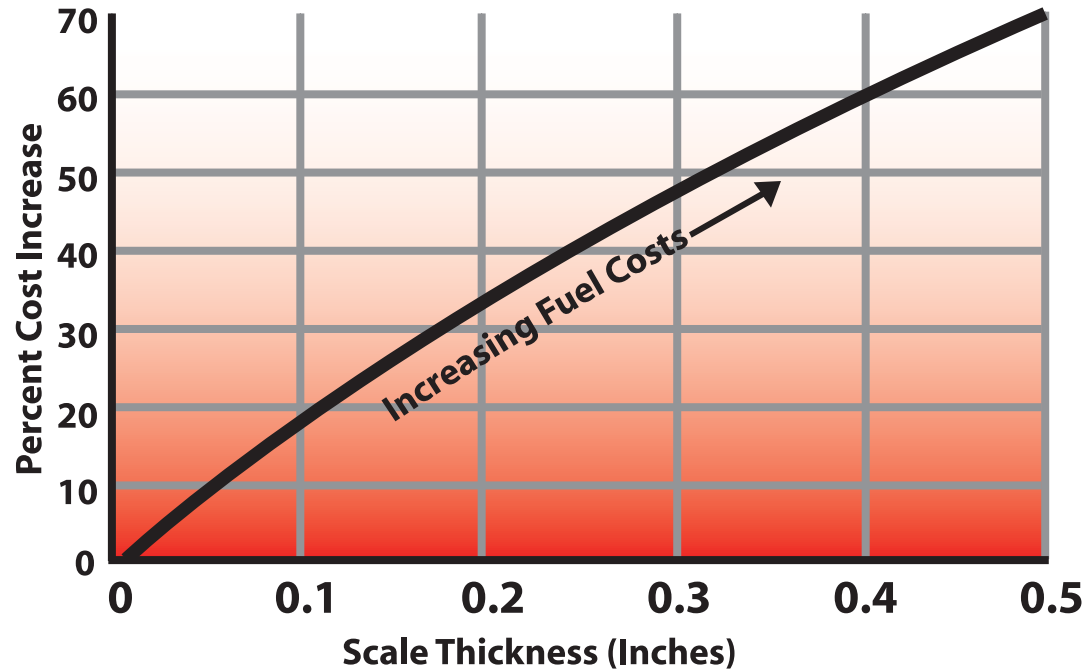


Effects of Scale Deposits in Boilers

Fuel Cost Increases Due to Boiler Scale



- **Results of tests made by University of Illinois and the U.S. Bureau of Standards** •

Additional Costs of Scale in Boilers

- *1. Increased operating costs caused by running at higher chemical levels to remove scale.*
- *2. Cost of boil out procedure including contractor, chemical and disposal costs.*
- *3. Cost of repairing, and returning boilers to operating condition.*
- *4. Costs of boiler depreciation due to corrosion, pitting, cleaning, expansion and contraction strains and other effects of scale.*
- *5. Loss of time, inconvenience and delays due to excess scale in boilers.*