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# Engineer's Certificate High Pressure Turbine Retrofit

## Gerald Gentlemen Station Unit 1

NPPD Board of Directors Meeting &  
**Operations Committee**  
September 2025

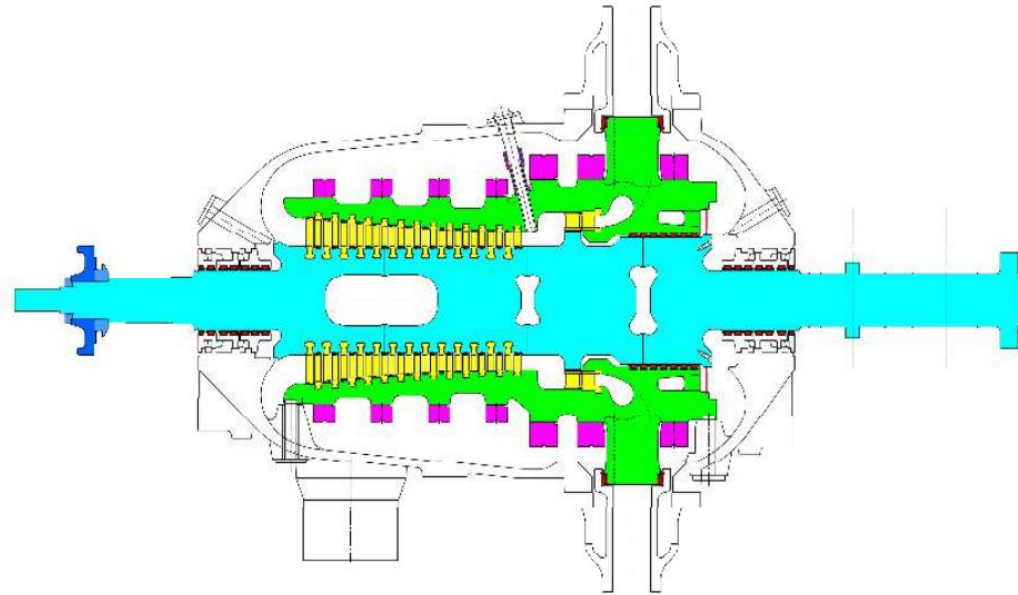
Art Wiese, Vice President Energy Production



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# Scope of Work in Engineer's Certificate

- Replace all HP turbine internal components, including a fully-bladed, inner casing and rotor, stationary steam components such as packing glands, and supporting equipment such as horizontal joint bolts, and coupling bolts.



- Funding for this project is included in the proposed 2026 capital budget.



# Basis for Engineer's Certificate

- A turbine retrofit is technologically complex involving uniquely engineered products
  - GE Steam Power, Inc. is the Original Equipment Manufacturer (OEM) of the GGS Unit 1 Turbine and associated systems and thus is the only vendor with the necessary drawings, specifications, and knowledge able to provide this material.
  - The integrated relationship between materials and fabrication design, involving proprietary information, makes it impractical to prepare a specification that allows vendors to bid on an equal basis in a sealed bid process.

# Recommendation

Approve Engineer's Certificate stating these materials and services for the Gerald Gentleman Station Unit 1 High Pressure turbine are proprietary to GE Steam Power, Inc., and authorize management to enter into a contract with GE Steam Power, Inc., in an amount not to exceed \$16.0 million, plus performance bond costs, after review and approval by legal counsel and subject to approval of this project in the 2026 capital budget.





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## Questions

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