Thielsch Engineering Completes Critical Boiler Assessment Project in Suriname for Alcoa

1888 Press Release
Cranston, RI - Thielsch Engineering, Inc. is pleased to announce its completion of a five month international project with Alcoa's Suriname Aluminum Company, L.L.C. (Suralco). Thielsch was contracted to assess and improve the current power generating units at the Paranam facility. Thielsch engineers provided extensive and specialized nondestructive examinations and metallurgical evaluations to assess the current condition of the critical boiler component(s), high energy piping systems and pressure vessels for the five (5) power generating units at Suralco.

Thielsch developed and directed onsite weld repairs to areas identified with significant deterioration in order to return the components back to a condition suitable for continued service. With more than 450 onsite metallurgical replications and a laboratory analysis of the removed superheater and furnace tubing, Thielsch provided remaining useful life estimates for the critical components. The procedures and assessments allow Alcoa to make strategic asset decisions related to the operation of the facility.

Thielsch Engineering, Inc. is a professional engineering firm that provides a complete range of consulting, design, and energy services to customers throughout the United States and internationally. Its multi-disciplined engineering and technical staff specializes in failure analysis, engineering design, process optimization, and condition assessment. They are experts in implementing solutions for any type of engineering challenge. For more information on this project or Thielsch's specialized services please contact Peter Kennefick at (401) 467-6454 or by email at pkennefick (@) thielsch dot com dot You may also visit Thielsch Engineering on the web at www dot thielsch dot com and www dot thielschfes dot com dot

Suriname Aluminum Company, L.L.C. (Suralco) is a division of U.S. headquartered Alcoa, Inc. Alcoa's presence in Suriname extends back to 1916. The company originally focused on mining bauxite. In 1958, Suralco signed an agreement with the government of Suriname to develop the country's hydropower and bring the aluminum industry to Suriname. Today, Suralco produces approximately 5,350 metric tons of alumina each day at its Paranam location. For more information on Suralco, Paranam you may visit Alcoa on the web at www.alcoa.com [1]. ### SOURCE [2]

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