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""Traditional Technical Writing of the Era""Communications Received by the Committee of the Franklin Institute on the Explosion of Steam Boilers (1832)""Report of the Committee of the Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts, on the Explosions of Steam. Boilers, Part I, Containing the First Report of Experiments Made by the Committee for the Treasury Department of the U. States (1836)""

""General Report on the Explosions of Steam-Boilers by a Committee of the Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts (1837)""Report of the Committee of the Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts, on the Explosions of Steam-Boilers Made at the Request of the Treasury Department of the United States, Part 11, Containing the Report of the Sub-Committee to Whom Was Referred the Examination of the Strength of Materials Employed in the Construction of Steam Boilers (1837)""

""Contemporaneous Reactions to the Institute Reports in the Scientific Community: Hales's Open Letter to Grundy, Locke's Cincinnati Report, and Steam Textbooks by Renwick and Ward""

Contemporaneous Reactions to Institute's Reports by Those Most Directly Involved: Steamboat Inspectors, Engineers, and Firemen"";

""The Gold Dust Fire""; ""Chapter 37, The End of the 'Gold Dust'"";

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Sommario/riassunto

By 1838, over two thousand Americans had been killed and many hundreds injured by exploding steam engines on steamboats. After calls for a solution in two State of the Union addresses, a Senate Select Committee met to consider an investigative report from the Franklin Institute of Philadelphia, the first federally funded investigation into a technical.
