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BOOK NEWS

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LSU Press to Release *Atomic Testing in Mississippi: Project Dribble and the Quest for Nuclear Treaty Verification in the Cold War Era*

Book Offers Significant Contribution to American Nuclear History

“Highly recommended for readers interested in nuclear test bans, nuclear devices, and the impact of nuclear testing on nearby rural communities.”—Charles C. Bates, Chief, Vela Uniform Program, Advanced Research Projects Agency, 1960–1964

Baton Rouge—In *Atomic Testing in Mississippi*, David Allen Burke illuminates the nearly forgotten history of America’s only nuclear detonations east of the Mississippi River. The atomic tests, conducted in the mid-1960s nearly 3,000 feet below ground in Mississippi’s Tatum Salt Dome, posed a potential risk for those living within 150 miles of the site, which included residents of Hattiesburg, Jackson, Gulfport, Biloxi, Mobile, and New Orleans. While the detonations provided the United States with verification methods that helped limit the world’s nuclear arsenals, they sparked widespread public concern.

In 1964 and 1966 the Atomic Energy Commission conducted experiments at the salt dome—code-named Dribble—surrounded by a greater population density than any other test site in the United States. Although the detonations were not weapons tests, they fostered a conflict between regional politicians interested in government-funded science projects and a population leery of nuclear testing near their homes. Even today, residents near the salt dome are still fearful of long-term negative health consequences.

Despite its controversy, Project Dribble provided the technology needed to detect and assess the performance of distant underground atomic explosions and thus verify international weapons treaty compliance. This technology led to advanced seismological systems that now provide tsunami warnings and detect atomic activity in other nuclear nations, such as Pakistan and North Korea.

David Allen Burke holds a doctorate in history of technology from Auburn University.

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