



NUCLEAR SERIES PART 3

WYOMING'S NUCLEAR SUPPLY CHAIN OPPORTUNITIES AND CHALLENGES: URANIUM RECOVERY

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WHY THE STUDY WAS NEEDED

This report is one of a series evaluating the feasibility of developing an integrated nuclear sector in Wyoming. From the uranium recovery mouth to spent fuel processing, each step in the nuclear supply chain has unique economic challenges. To compare the opportunities for Wyoming across the nuclear supply chain, a qualitative scoring system of advantages and obstacles is applied. The summary of these scoring criteria for uranium recovery is provided in Table 1.

ABOUT THE STUDY

This paper gives an overview of the uranium extraction process and the contributing factors of Wyoming uranium production. It identifies supply-chain market structures that provide opportunities in Wyoming for uranium extraction. Then, an economic impact analysis was created for the uranium recovery industry.

WHAT THE RESEARCHERS CONCLUDED

The present economic benefits from uranium recovery facilities are constrained by low production levels. Most jobs at uranium recovery facilities are tied to exploration and drilling expenditures. Therefore, if uranium expands in Wyoming, the development will create disproportionately more jobs and tax revenue than current levels.