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UNITED STATES NUCLEAR REGULATORY COMMISSION
DOCKET NO. 40-8771
ARIZONA PUBLIC SERVICE COMPANY
FOR OPERATION OF R&D IN SITU LEACH PROJECT
IN CONVERSE COUNTY, WYOMING

The U.S. Nuclear Regulatory Commission (the Commission) is issuing a Source Material and Byproduct Material License to Arizona Public Service Company authorizing R&D-scale uranium solution mining operations at their South Powder River Basin Peterson Project Site in Converse County, Wyoming.

BFisher
 HPettengill
 DMartin
 RScarano
 RBrowning
 JMartin
 RFonner

The Commission's Division of Waste Management has prepared an environmental impact appraisal for the proposed action. On the basis of this appraisal, the Commission has concluded that an environmental impact statement for this particular action is not warranted for there will be no significant environmental impact attributable to the action. The environmental impact appraisal is available for public inspection and copying at the Commission's Public Document Room at 1717 H Street, N.W., Washington, D.C.

Dated at Silver Spring, Maryland, this 29th day of October, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

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10/30/81 MAG II

ORIGINAL SIGNED BY
 Ross A. Scarano, Chief
 Uranium Recovery Licensing Branch
 Division of Waste Management

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DATE	10/ /81	10/29/81	10/29/81	10/29/81	10/28/81	