



**POWER  
RESOURCES**

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June 24, 1998

Mr. Joseph J. Holonich, Chief URB  
Division of Waste Management, NMSS (T-7-J9)  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, Maryland 20850

RE: Docket No. 40-8857  
SUA-1511  
Request for License Amendment  
Gas Hills ISL Satellite Project

Dear Mr. Holonich:

Power Resources, Inc. (PRI) requests an amendment to the above referenced Source Material License to allow the operation of the Gas Hills ISL Project. It is proposed to operate the Gas Hills Project as a wellfield and ion exchange Satellite operation to the Highland Uranium Project. As such, PRI is proposing to extract uranium from the mineralized aquifer utilizing the ISL technique. The uranium will be removed from the ground water by ion exchange at the Satellite facility. The uranium bearing ion exchange resin will be transported in specially built transport trailers to the Highland Uranium Project where the resin will be eluted and the uranium processed into yellowcake.

To support this amendment request, PRI is submitting a Form 313, "Application for Material License" and three copies of the following supporting information:

- Volume 1: Contains 11 chapters formatted in accordance with Regulatory Guide 3.46 and provides the technical basis for the amendment request.
- Volume 2: Contains WDEQ Appendix D5, "Geology", which supports Chapters 2 and 3 of Volume 1.
- Volume 3: Contains WDEQ Appendix D6, "Hydrology", which supports Chapters 2 and 3 of Volume 1.
- Volume 4: Contains WDEQ Appendix D7, "Soils", D8, "Vegetation", D9, "Wildlife" and D11, "Wetlands", which support Chapters 2 and 3 of Volume 1.
- Volume 5: Contains Appendix 12, "Mildos Evaluation" which supports Chapter 7 of

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After your staff has had an opportunity to preliminarily review the documents, PRI would appreciate the opportunity to meet with your staff and consultants to present the application and our plans for the project and answer any questions you may have. Either Mark Wittrup or I will contact Ms. Jane Marshall of your staff in approximately two weeks time to discuss an appropriate date, time and location for the meeting. Please call me or Mark Wittrup should you have any questions.

Sincerely,



Paul R. Hildenbrand  
Manager of Environmental  
and Regulatory Affairs

PRH/drc

cc: M. Chalmers w/o atta      S. Payne w/o atta  
M. Wittrup w/o atta      L. McGonagle w/o atta  
File GH-9 w/o atta      M. Moxley, WDEQ-LQD, Lander w/o atta  
J. Kelly, US BLM, Lander w/o atta  
US NRC, Reg. IV w/o atta