

**Attachment A**

Revised: October 14, 2014

In the Matter of Powertech USA, Inc.  
(Dewey-Burdock In Situ Uranium Recovery Facility)  
Docket No. 40-9075-MLA  
ASLBP No. 10-898-02-MLA-BD01  
2014 Evidentiary Hearing

NRC Staff Hearing Exhibits

<b>NRC Staff Exhibit #</b>	<b>Witness/Panel</b>	<b>land application disposal</b>
NRC-001	All Contentions	Initial Testimony and Affidavits from Haimanot Yilma, Kellee L. Jamerson, Thomas Lancaster, James Prikryl, and Amy Hester
NRC-002-R	All Contentions	Revised Statement of Professional Qualifications of Po Wen (Kevin) Hsueh.
NRC-003-R	Contentions 1, 6, 9, and 14	Revised Statement of Professional Qualifications of Haimanot Yilma
NRC-004-R	Contentions 1, 6, and 9	Revised Statement of Professional Qualifications of Kellee L. Jamerson
NRC-005-R	Contentions 2–4	Revised Statement of Professional Qualifications of Thomas Lancaster

NRC-006	Contentions 2–4, and 6	Statement of Professional Qualifications of James Prikryl
NRC-007	Contention 14	Statement of Professional Qualifications of Amy Hester
NRC-008-A-1	All Contentions	NUREG-1910, Supplement 4, Vol. 1, Final Report, Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities (Chapter 1 to 5) (Jan. 2013) (ADAMS Accession No. ML14024A477).  Pages 1–306
NRC-008-A-2	All Contentions	NUREG-1910, Supplement 4, Vol. 1, Final Report, Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities (Chapter 1 to 5) (Jan. 2013) (ADAMS Accession No. ML14024A477).  Pages 306–641
NRC-008-B-1	All Contentions	NUREG-1910, Supplement 4, Vol. 2., Final Report, Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities (Chapters 6 to 11 and Appendices A to E). (Jan. 2014) (ADAMS Accession No. ML14024A478).  Pages 1–144
NRC-008-B-2	All Contentions	NUREG-1910, Supplement 4, Vol. 2., Final Report, Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities (Chapters 6 to 11 and Appendices A to E). (Jan. 2014) (ADAMS Accession No. ML14024A478).  Pages 145–669

NRC-009-A-1	All Contentions	<p>NUREG-1910, Supplement 4, Vol. 1, Draft Report for Comment, <i>Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 1 to 4) (Nov. 2012) (ADAMS Accession No. ML12312A039).</p> <p>Pages 1–278</p>
NRC-009-A-2	All Contentions	<p>NUREG-1910, Supplement 4, Vol. 1, Draft Report for Comment, <i>Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 1 to 4) (Nov. 2012) (ADAMS Accession No. ML12312A039).</p> <p>Pages 279–505</p>
NRC-009-B-1	All Contentions	<p>NUREG-1910, Supplement 4, Vol. 2, Draft Report for Comment, <i>Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapter 5 to 11 and Appendices) (Nov. 2012) (ADAMS Accession No. ML12312A040).</p> <p>Pages 1–166</p>
NRC-009-B-2	All Contentions	<p>NUREG-1910, Supplement 4, Vol. 2, Draft Report for Comment, <i>Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota: Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapter 5 to 11 and Appendices) (Nov. 2012) (ADAMS Accession No. ML12312A040).</p> <p>Pages 167–353</p>
NRC-010-A-1	All Contentions	<p>NUREG–1910, Vol. 1, Final Report, <i>Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 1 through 4) (May 2009) (ADAMS Accession No. ML091480244)</p> <p>Pages 1–152</p>

NRC-010-A-2	All Contentions	NUREG–1910, Vol. 1, Final Report, <i>Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 1 through 4) (May 2009) (ADAMS Accession No. ML091480244)  Pages 153–512
NRC-010-A-3	All Contentions	NUREG–1910, Vol. 1, Final Report, <i>Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 1 through 4) (May 2009) (ADAMS Accession No. ML091480244)  Pages 513–704
NRC-010-B-1	All Contentions	NUREG–1910, Vol. 2, Final Report, <i>Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 5 through 12 and Appendices) (May 2009) (ADAMS Accession No. ML091480188).  Pages 1–272
NRC-010-B-2	All Contentions	NUREG–1910, Vol. 2, Final Report, <i>Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities</i> (Chapters 5 through 12 and Appendices) (May 2009) (ADAMS Accession No. ML091480188).  Pages 273–612
NRC-011	All Contentions	Dewey-Burdock Record of Decision (Apr. 8, 2014) (ADAMS Accession No. ML14066A466).
NRC-012	All Contentions	Materials License SUA–1600, Powertech (USA), Inc. (Apr. 8, 2014) (ADAMS Accession No. ML14043A392).
NRC-013	All Contentions	NUREG–1569, <i>Standard Review Plan for In-Situ Leach Uranium Extraction License Applications</i> (June 4, 2003) (ADAMS Accession No. ML031550272).

NRC-014	All Contentions	NUREG-1748, Final Report, <i>Environmental Review Guidance for Licensing Actions Associated with NMSS Programs</i> (Aug. 2003) (ADAMS Accession No. ML032450279).
NRC-015	Contention 1	Dewey-Burdock ISR Project Summary of Tribal Outreach Timeline (Apr. 8, 2014) (ADAMS Accession No. ML14099A010).
NRC-016	Contention 1	Submittal of Comments on Draft Programmatic Agreement for the Proposed Dewey-Burdock ISR Uranium Mining Project. (ADAMS Accession No. ML14077A002).
NRC-017	Contention 1	Dewey-Burdock ISR Project Documents Pertaining to Section 106 of the National Historic Preservation Act (June 10, 2014), available at <a href="http://www.nrc.gov/info-finder/materials/uranium/licensed-facilities/dewey-burdock/section-106-project-docs.html">http://www.nrc.gov/info-finder/materials/uranium/licensed-facilities/dewey-burdock/section-106-project-docs.html</a>
NRC-018-A	Contention 1	Final PA for the Dewey-Burdock Project. (ADAMS Accession Nos. ML14066A347)
NRC-018-B	Contention 1	Final Appendix for the Dewey-Burdock Project PA. (ADAMS Accession No. ML14066A350)
NRC-018-C	Contention 1	NRC PA Signature Page. (ADAMS Accession No. ML14098A464).
NRC-018-D	Contention 1	Letter from ACHP finalizing Section 106. (ADAMS Accession No. ML14099A025)
NRC-018-E	Contention 1	ACHP PA Signature Page. (ADAMS Accession No. ML14098A155).

NRC-018-F	Contention 1	BLM signature on PA; (Mar. 25, 2014) (ADAMS Accession No. ML14098A102).
NRC-018-G	Contention 1	South Dakota SHPO PA Signature Page. (ADAMS Accession No. ML14098A107).
NRC-018-H	Contention 1	Powertech PA Signature Page. (ADAMS Accession No. ML14098A110).
NRC-019	Contention 1	Summary Report Regarding the Tribal Cultural Surveys Completed for the Dewey-Burdock Uranium In Situ Recovery Project. (Dec. 16, 2013) (ADAMS Accession No. ML13343A142).
NRC-020	Contention 1	NRC letter transmitting the Applicant's Statement of Work to all consulting parties. (May 7, 2012). (ADAMS Accession No. ML121250102).
NRC-021	Contention 1	3/19/2010 NRC sent initial Section 106 invitation letters to 17 tribes requesting their input on the proposed action. ADAMS Accession No. ML100331999.
NRC-022	Contention 1	Letter to Oglala Sioux Tribe Re: Request for Updated Tribal Council Members Consultation (Sep. 8, 2010) (ADAMS Accession No. ML102450647).
NRC-023	Contention 1	Powertech Dewey-Burdock Draft Scope of Work and Figures – Identification of Properties of Religious and Cultural Significance (Mar. 07, 2012) (ADAMS Accession No. ML120870197).
NRC-024	Contention 1	NRC Staff Letter Postponing fall 2012 tribal survey. (12/14/2012). ADAMS Accession No. ML12335A175.

NRC-025-A	Contention 1	HDR, Engineering Inc. "Assessment of the Visual Effects of the Powder River Basin Project, New Build Segment, on Previously Identified Historic Properties in South Dakota and Wyoming." Report prepared for the Dakota, Minnesota and Eastern Railroad, Sioux Falls, SD by HDR, Inc. in Compliance with the Section 106 Programmatic Agreement for the Surface Transportation Board, Washington DC. 2009.
NRC-025-B	Contention 1	HDR, Engineering Inc. "Assessment of the Visual Effects of the Powder River Basin Project, New Build Segment, on Previously Identified Historic Properties in South Dakota and Wyoming." Report prepared for the Dakota, Minnesota and Eastern Railroad, Sioux Falls, SD by HDR, Inc. in Compliance with the Section 106 Programmatic Agreement for the Surface Transportation Board, Washington DC. 2009.
NRC-026	Contention 1	WY SHPO (Wyoming State Historic Preservation Office). "Dewey-Burdock Line of Sight Analysis." Email (September 4) from R. Currit, Senior Archaeologist, Wyoming State Historic Preservation Office to H. Yilma, NRC. September 4, 2013. ADAMS Accession No. ML13309B643.
NRC-027	Contention 1	ACHP, National Register Evaluation Criteria, Advisory Council on Historic Preservation. (Mar. 11, 2008) (2012 ADAMS Accession No. ML12262A055).
NRC-028	Contention 1	Email from Waste Win Young to NRC Staff re SRST Comments Final Draft PA Dewey-Burdock SRST THPO Comments (Feb. 20, 2014) (ADAMS Accession No. ML14105A367).
NRC-029	Contention 1	Letter to Cheyenne River Sioux Tribe re: Response Received Regarding Tribal Survey for Dewey-Burdock (Dec. 14, 2012) (ADAMS Accession No. ML12335A175).
NRC-030	Contention 1	Standing Rock Sioux Tribe Comments - Final Draft PA Dewey-Burdock SRST-THPO Comments (Feb. 05, 2014) (ADAMS Accession No. ML14055A513).
NRC-031	Contention 1	04/07/2014 Letter from the Advisory Council on Historic Preservation to the Standing Rock Sioux Tribe Concerning the Dewey- Burdock ISR Project, SD. ADAMS Accession No. ML14115A448.

NRC-032		[REMOVED]
NRC-033	Contention 1	09/13/2012 Summary of August 30, 2012 Public Meeting with Powertech Inc, to Discuss Powertech's Proposed Environmental Monitoring Program related to the proposed Dewey-Burdock Project. ADAMS Accession No. ML12255A258.
NRC-034	Contention 1	Letter to Ponca Tribe of Nebraska Re: Invitation for Formal Consultation Under Section 106 of the National Historic Preservation Act (Mar. 4, 2011) (ADAMS Accession No. ML110550372).
NRC-035	Contention 1	Letter to Santee Sioux Tribe of Nebraska Re: Invitation for Formal Consultation Under Section 106 of the National Historic Preservation Act (Mar. 4, 2011) (ADAMS Accession No. ML110550172).
NRC-036	Contention 1	Letter to Crow Tribe of Montana Re: Invitation for Formal Consultation Under Section 106 of the National Historic Preservation Act (Mar. 04, 2011) (ADAMS Accession No. ML110550535).
NRC-037	Contention 1	12/3/2010 Yankton Sioux tribe requests face-to-face meeting to discuss past and current project as well as request for TCP survey. Sisseton Wahpeton and Fort Peck tribes also asked for face-to-face meeting via phone. ADAMS Accession No. ML110030430.
NRC-038-A	Contention 1	Invitation for Informal Information-Gathering Meeting Pertaining to the Dewey-Burdock, Crow Butte North Trend, and Crow Butte License Renewal, In-Situ Uranium Recovery Projects (May 12, 2011) (ADAMS Accession No. ML111320251).
NRC-038-B	Contention 1	Informal Information Gathering Meeting – Pine Ridge, SD Invitation to Section 106 Consultation Regarding Dewey-Burdock Project (ADAMS Accession No. ML111870622) (Package)
NRC-038-C	Contention 1	Memo to Kevin Hsueh Re: Transcript for the June 8, 2011 Informal Information – Gathering Meeting Held in Pine Ridge, SD (July 8, 2011) (ADAMS Accession No. ML111870623).



NRC-038-D	Contention 1	Attendee List – Informal Information Gathering Meeting Held in Pine Ridge, SD (July 8, 2011) (ADAMS Accession No. ML111870624).
NRC-038-E	Contention 1	Transcript Re: Informal Information-Gathering Meeting Pertaining to Crow Butte Inc. and Powertech Inc. Proposed ISR Facilities (June 8, 2011) (ADAMS Accession No. ML111721938) (Pages 1-195).
NRC-038-F	Contention 1	Presentation Slides for the Section 106 Consultation Meeting Pertaining to the Proposed Dewey-Burdock, Crow Butte North Trend, and Crow Butte LR In-Situ Uranium Recovery Projects (June 8, 2011) (ADAMS Accession No. ML111661428).
NRC-039	Contention 1	Meeting Agenda for Informal Information Gathering Pertaining to Dewey-Burdock, Crow Butte. Accompanying NRC letter with map of the proposed project boundary and digital copies of the Class III Archaeological Survey. (May 12, 2011) (ADAMS Accession No. ML111250120).
NRC-040	Contention 1	Letter to Richard Blubaugh, Powertech, Re: NRC Information Request Relating to Section 106 and NEPA Reviews for the Proposed Dewey-Burdock Project (Aug. 12, 2011) (ADAMS Accession No. ML112170237).
NRC-041	Contention 1	8/31/2011 NRC letter from Powertech letter and proposal in response to the Aug 12, 2011 request for NHPA Section 106 info. This letter enclosed a proposal which outlined a phased approach to collect information about properties of religious and cultural significance to tribes. ADAMS Accession No. ML112700464.
NRC-042	Contention 1	10/20/2011 NRC provided copies of the 6/8/2011 meeting transcripts to all the Tribes. Thank you Letter to James Laysbad of Oglala Sioux Tribe Enclosing the Transcript of the Information-Gathering Meeting and Unredacted Survey Pertaining to Dewey-Burdock North Trend and Crow Butte. (ADAMS Accession No. ML112440097).
NRC-043		[REMOVED]

NRC-044	Contention 1	1/19/2012 NRC invitation letters to all THPOs for a planned Feb 2012 meeting to discuss how best to conduct the TCP survey. (ADAMS Accession No. ML12031A280).
NRC-045	Contention 1	2/01/2012 (February 14-15, 2012 meeting agenda). (ADAMS Accession No. ML120320436).
NRC-046	Contention 1	3/28/2012 – NRC transmitted transcripts of the NRC face-to-face meeting in Rapid City, SD to discuss how best to conduct the TCP survey. (ADAMS Accession Nos. ML120670319).
NRC-047	Contention 1	Meeting the “Reasonable and Good Faith” Identification Standard in Section 106 Review (ACHP), <i>available at</i> <a href="http://www.achp.gov/docs/reasonable_good_faith_identification.pdf">http://www.achp.gov/docs/reasonable_good_faith_identification.pdf</a>
NRC-048	Contention 1	<i>NEPA and NHPA, A Handbook for Integrating NEPA and Section 106</i> (CEQ and ACHP), <i>available at</i> <a href="http://www.achp.gov/docs/NEPA_NHPA_Section_106_Handbook_Mar2013.pdf">http://www.achp.gov/docs/NEPA_NHPA_Section_106_Handbook_Mar2013.pdf</a> .
NRC-049	Contention 1	Letter to Crow Creek Sioux Tribe Re: Transmittal of Applicant's Draft Statement of Work (May 7, 2012) (ADAMS Accession No. ML 121250102).
NRC-050	Contention 1	Letter to Oglala Sioux Tribe Re: Transmittal of Transcript from Teleconference Conducted on April 24, 2012 (June 26, 2012) (ADAMS Accession No. ML12177A109).
NRC-051	Contention 1	NRC Email Re: August 9, 2012 Teleconference Invitation and Revised Statement of Work Transmittal (Aug. 07, 2012) (ADAMS Accession No. ML12261A375).
NRC-052	Contention 1	NRC Request Re: Scope of Work with Coverage Rate, Start Date, Duration, and Cost (Aug. 30, 2012) (ADAMS Accession No. ML12261A470).

NRC-053	Contention 1	Letter to Tribal Historic Preservation Officer Re: Transmittal of Tribes' Proposal and Cost Estimate of the Dewey-Burdock ISR Project (Oct. 12, 2012) (ADAMS Accession No. ML12286A310).
NRC-054	Contention 1	Letter to James Laysbad, Oglala Sioux Tribe, Re: Information Related to Traditional Cultural Properties; Dewey-Burdock, Crow Butte North Trend, and Crow Butte LR ISP Projects (Oct. 28, 2011) (ADAMS Accession No. ML112980555).
NRC-055	Contention 1	Letter to Tribal Historic Preservation Officers Re: Request for a Proposal with Cost Estimate for Dewey Burdock Project (Sep. 18, 2012) (ADAMS Accession No. ML12264A594).
NRC-056	Contention 1	H. Yilma Email Re: Draft PA for Dewey-Burdock Project (Nov. 22, 2013) (ADAMS Accession No. ML13329A420).
NRC-057	Contention 1	Dewey-Burdock Project Draft Programmatic Agreement (Nov. 22, 2013) (ADAMS Accession No. ML ML13329A466).
NRC-058	Contention 1	Draft Appendix A for Dewey-Burdock Project PA (Nov. 22, 2013) (ADAMS Accession No. ML13329A468).
NRC-059	Contention 1	Table 1.0 – NRC NRHP Determinations for Dewey-Burdock Draft PA (Nov. 22, 2013) (ADAMS Accession No. ML13329A470).
NRC-060	Contention 1	STB Finance Docket No. 33407, <i>Dakota, Minnesota &amp; Eastern Railroad Corporation Construction into the Powder River Basin: Request for Review and Comment on 21 Archaeological Sites</i> , Surface Transportation Board - Dakota, Minnesota and Eastern Railroad Corporation Construction into Power River Basin, (Jan. 2010) (ADAMS Accession No. ML12241A225).
NRC-061	Contention 1	Letter to Oglala Sioux Tribe Re: Transmittal of TCP Survey Report for Dewey-Burdock Project (Dec. 23, 2013) (ADAMS Accession No. ML13357A234).

NRC-062	Contention 1	NRC's Overall Determinations of Eligibility and Assessments of Effects (Dec. 16, 2013) (ADAMS Accession No. ML13343A155).
NRC-063	Contention 1	Draft NRC NRHP Determinations - Table 1.0 for Draft PA (Dec. 13, 2013) (ADAMS Accession No. ML13354B948).
NRC-064	Contention 1	Letter from John Yellow Bird Steele, President of the Oglala Sioux Tribe Re: Refusal to Accept Dewey-Burdock In Situ Project Proposal (Nov. 5, 2012) (ADAMS Accession No. ML13026A005).
NRC-065	Contention 1	Letter from Sisseton Wahpeton Oyaye Tribe Re: Refusal to Accept Dewey-Burdock In Situ Recovery Project Proposal (Nov. 6, 2012) (ADAMS Accession No. ML13036A104).
NRC-066	Contention 1	Letter from Standing Rock Sioux Tribe Re: Tribal Survey Using Persons Without Sioux TCP Expertise to Identify Sioux TCP (Nov. 5, 2012) (ADAMS Accession No. ML13036A110).
NRC-067	Contention 1	Email from Standing Rock Sioux Tribe Providing Comments on Final Draft PA Dewey-Burdock SRST-THPO (Feb. 20, 2014) (ADAMS Accession No. ML14059A199).
NRC-068	Contention 1	Email Re: Transmittal of a Follow-up Email Pertaining to an Upcoming Field Survey for the Dewey-Burdock Project (Feb. 08, 2013) (ADAMS Accession No. ML13039A336).
NRC-069	Contention 1	Letter to Oglala Sioux Tribe Re: Notification of Intention to Separate the NHPA Section 106 Process from NEPA Review for Dewey-Burdock ISR Project (Nov. 6, 2013) (ADAMS Accession No. ML13308B524).
NRC-070	Contention 1	Letter to J. Fowler, ACHP, Re: Notification of Intention to Separate the NHPA Section 106 Process from NEPA Review for Dewey-Burdock IS Project (Nov. 13, 2013) (ADAMS Accession No. ML13311B184).

NRC-071	Contention 1	Letter from Department of State Re: Keystone XL Pipeline Project Traditional Cultural Property (TCP) Studies (Aug. 4, 2009).
NRC-072	Contention 1	A Level III Cultural Resources Evaluation of Powertech (USA) Incorporated's Proposed Dewey-Burdock Uranium Project Locality within the Southern Black Hills, Custer and Fall River Counties, South Dakota, Vol. I, (Page 1.2 through Page 4.18) (Mar. 31, 2008) (ADAMS Accession No. ML100670309).
NRC-073	Contention 1	A Level III Cultural Resources Evaluation of Powertech (USA) Incorporated's Proposed Dewey-Burdock Uranium Project Locality within the Southern Black Hills, Custer and Fall River Counties, South Dakota (Pages 5.53 through 5.106) (Mar. 31, 2008) (ADAMS Accession No. ML100670318).
NRC-074	Contentions 2–4	NRC (1980). Regulatory Guide 4.14, Radiological Effluent and Environmental Monitoring at Uranium Mills. ADAMS Accession No. ML003739941.
NRC-075	Contentions 2–4	NRC, 2009. Staff Assessment of Ground Water Impacts from Previously Licensed In-Situ Uranium Recovery Facilities, Memorandum from C. Miller to Chairman Jaczko , et al. Washington DC: USNRC, July 10, 2009d ADAMS Accession No. ML091770385.
NRC-076	Contentions 2–4	NUREG/CR-6705, <i>Historical Case Analysis of Uranium Plume Attenuation..</i> (Feb. 28, 2001) (ADAMS Accession No. ML010460162).
NRC-077	Contentions 2–4	05/28/2010 NRC Staff Request for Additional Information for Proposed Dewey-Burdock In Situ Recovery Facility (ADAMS Accession No. ML101460286).
NRC-078	Contentions 2–4	09/13/2012 NRC Staff RAI: Summary of August 30, 2012 Public Meeting with Powertech Inc, to Discuss Powertech's Proposed Environmental Monitoring Program related to the proposed Dewey-Burdock Project. (ADAMS Accession No. ML12255A258).

NRC-079	Contentions 2–4	09/09/2013 NRC Staff RAI: Email concerning review of Powertech’s additional statistical analysis of radium-226 soil sampling data and gamma measurements and request for information. ADAMS (Accession No. ML13253A082).
NRC-080	Contentions 2–4	12/09/2013 NRC Staff RAI: NRC Staff review of revised statistical analysis of the Radium 226 (soil) and gamma radiation correlation for screening surveys at the proposed Dewey-Burdock Project requesting additional information. (ADAMS Accession No. ML13343A116).
NRC-081	Contentions 2–4	Gott, G.B., D.E. Wolcott, and C.G. Bowles. “Stratigraphy of the Inyan Kara Group and Localization of Uranium Deposits, Southern Black Hills, South Dakota and Wyoming.” ML120310042. U.S. Geological Survey Water Resources Investigation Report 93-4008. 1974.
NRC-082	Contentions 2–4	Driscoll, D.G., J.M. Carter, J.E. Williamson, and L.D. Putnam. “Hydrology of the Black Hills Area, South Dakota.” U.S. Geological Survey Water Resources Investigation Report 02-4094. (ADAMS Accession No. ML12240A218). 2002.
NRC-083	Contention 3	Braddock, W.A. “Geology of the Jewel Cave SW Quadrangle Custer County, South Dakota.” U.S. Geological Survey Bulletin 1063-G. (08 April 2013)., <i>available at</i>  <a href="http://pubs.usgs.gov/bul/1063g/report.pdf">http://pubs.usgs.gov/bul/1063g/report.pdf</a> and <a href="http://pubs.usgs.gov/bul/1063g/plate-20.pdf">http://pubs.usgs.gov/bul/1063g/plate-20.pdf</a> .
NRC-084-A	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980, <i>available at</i> <a href="http://www.osti.gov/scitech/biblio/5290332">http://www.osti.gov/scitech/biblio/5290332</a> .  Pages 1–32
NRC-084-B	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980  Pages 33–58

NRC-084-C	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980  Pages 59–89
NRC-084-D	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980  Pages 90–119
NRC-084-E	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980  Pages 120–150
NRC-084-F	Contention 3	Butz, T.R., N.E. Dean, C.S. Bard, R.N. Helgerson, J.G. Grimes, and P.M. Pritz. Hydrogeochemical and Stream Sediment Detailed Geochemical Survey for Edgemont, South Dakota, Wyoming. National Uranium Resource Evaluation (NURE) Program, Union Carbide Corporation, Nuclear Division, Oak Ridge Gaseous Diffusion Plant, Report Number: K/UR-38, 175 pp. 1980  Pages 150–180
NRC-085	Contention 3	Darton, N.H. "Geology and Water Resources of the Northern Portion of the Black Hills and Adjoining Regions of South Dakota and Wyoming." U.S. Geological Survey Professional Paper 65. 1909, <i>available at</i>  <a href="http://www.nps.gov/history/history/online_books/geology/publications/pp/65/intro.htm">http://www.nps.gov/history/history/online_books/geology/publications/pp/65/intro.htm</a> .

NRC-086	Contention 3	Epstein, J.B. "Hydrology, Hazards, and Geomorphic Development of Gypsum Karst in the Northern Black Hills, South Dakota and Wyoming." U.S. Geological Survey Water-Resource Investigation Report 01-4011. pp. 30-37. 2001.
NRC-087	Contention 3	NUREG-1910, Final Report, Supplement 1, <i>Environmental Impact Statement for the Moore Ranch ISR Project in Campbell County, Wyoming</i> , Supplement to the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities. August 2010. (ADAMS Accession No. ML102290470).
NRC-088	Contention 3	NUREG-1910, Final Report, Supplement 2, <i>Environmental Impact Statement for the Nichols Ranch ISR Project in Campbell and Johnson Counties, Wyoming</i> . Supplement to the Generic Environmental Impact Statement for <i>In-Situ</i> Leach Uranium Milling Facilities. January 2011. (ADAMS Accession No. ML103440120).
NRC-089	Contention 4	NUREG-1910, Final Report, Supplement 3, <i>Environmental Impact Statement for the Lost Creek ISR Project in Sweetwater County, Wyoming</i> . Supplement to the Generic Environmental Impact Statement for <i>In-Situ</i> Leach Uranium Milling Facilities. 2011b. (ADAMS Accession No. ML11125A006).
NRC-090	Contention 4	SDDENR. "Report to the Chief Engineer on Water Permit Application No. 2686-2, Powertech (USA) Inc., November 2, 2012." November 2012a. ADAMS Accession No. ML13165A168.
NRC-091	Contention 4	NRC. "Staff Assessment of Groundwater Impacts from Previously Licensed In-Situ Uranium Recovery Facilities." Memorandum to Chairman Jaczko, Commissioner Klein, and Commissioner Svinicki, NRC from C. Miller, Director, Office of Federal and State Materials and Environmental Management Programs, NRC. (July 10, 2009b). (ADAMS Accession No. ML091770187).
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NRC-093	Contention 4	EPA comments on FSEIS; (ADAMS Accession No. ML14070A230).
NRC-094	Contention 6	NRC Regulatory Guide 3.11, Rev. 3, <i>Design, Construction, and Inspection of Embankment Retention Systems at Uranium Recovery Facilities</i> , November 2008, (ADAMS Accession No. ML082380144).
NRC-095	Contention 9	Letter to P. Strobel Re: EPA's Response Comment to FSEIS (Mar. 25, 2014) (ADAMS Accession No. ML14078A044).
NRC-096	Contention 9	Comment (14) of Robert F. Stewart on Behalf of the Dept. of the Interior, Office of Environmental Policy and Compliance on Draft Supplemental Environmental Impact Statement (DSEIS), Dewey-Burdock Project, Supplement to the In-Situ Leach Uranium Milling Facilities, Custer and Fall River Counties, SD. (January 4, 2013). (ADAMS Accession No. ML13010A031).
NRC-097		[REMOVED]
NRC-098		[REMOVED]
NRC-099		[REMOVED]
NRC-100		[REMOVED]
NRC-101		[REMOVED]

NRC-102		[REMOVED]
NRC-103		[REMOVED]
NRC-104		[REMOVED]
NRC-105		[REMOVED]
NRC-106		[REMOVED]
NRC-107		[REMOVED]
NRC-108		[REMOVED]
NRC-109		[REMOVED]
NRC-110		[REMOVED]
NRC-111		[REMOVED]

NRC-112		[REMOVED]
NRC-113		[REMOVED]
NRC-114		[REMOVED]
NRC-115		[REMOVED]
NRC-116		[REMOVED]
NRC-117		[REMOVED]
NRC-118		[REMOVED]
NRC-119		[REMOVED]
NRC-120		[REMOVED]
NRC-121		[REMOVED]
NRC-122		[REMOVED]
NRC-123		[REMOVED]

NRC-124		[REMOVED]
NRC-125		[REMOVED]
NRC-126		[REMOVED]
NRC-127		[REMOVED]
NRC-128		[REMOVED]
NRC-129		[REMOVED]
NRC-130		[REMOVED]
NRC-131		[REMOVED]
NRC-132	Contention 9	Improving the Process for Preparing Efficient and Timely Environmental Reviews under NEPA.
NRC-134	Contentions 2–4	Safety Evaluation Report for the Dewey-Burdock Project Fall River and Custer Counties, South Dakota. Materials License No. SUA-1600 (April 2014) ADAMS Accession No. ML14043A347
NRC-135	Contentions 2–4	Safety Evaluation Report for the Dewey-Burdock Project Fall River and Custer Counties, South Dakota, Materials License No. SUA-1600, Docket No. 40-9075 (March 2013) ADAMS Accession No. ML13052A182.

NRC-136-A	Contention 1	Palmer, L. and J.M. Kruse. "Evaluative Testing of 20 Sites in the Powertech (USA) Inc. Dewey-Burdock Uranium Project Impact Areas." Black Hills Archaeological Region. Volumes I and II. Archaeological Contract Series No. 251. Sioux Falls, South Dakota: Archeology Laboratory, Augustana College. (2012) (ADAMS Accession No. ML12144A270).
NRC-136-B	Contention 1	Palmer, L. and J.M. Kruse. "Evaluative Testing of 20 Sites in the Powertech (USA) Inc. Dewey-Burdock Uranium Project Impact Areas." Black Hills Archaeological Region. Volumes I and II. Archaeological Contract Series No. 251. Sioux Falls, South Dakota: Archeology Laboratory, Augustana College. (2012) (ADAMS Accession No. ML12144A279).
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NRC-137	Contention 6	Department of Environment and Natural Resources, Recommendation, Powertech (USA) Inc, Large Scale Mine Permit Application at 6 (April 15, 2013), <i>available at</i>  <a href="http://denr.sd.gov/des/mm/documents/Powertech1/DENRRec4-15-13.pdf">http://denr.sd.gov/des/mm/documents/Powertech1/DENRRec4-15-13.pdf</a>
NRC-138	Contention 3	Jack R. Keene (1973). Ground-Water Resources of the Western Half of Fall River County, South Dakota. South Dakota Department of Natural Resource Development, Geological Survey, Report of Investigations, No. 109, 90 pg., <i>available at</i>  <a href="http://www.sdgs.usd.edu/pubs/pdf/RI-109%20-%2090%20pages.pdf">www.sdgs.usd.edu/pubs/pdf/RI-109%20-%2090%20pages.pdf</a> < <a href="http://www.sdgs.usd.edu/pubs/pdf/RI-109%20-%2090%20pages.pdf">http://www.sdgs.usd.edu/pubs/pdf/RI-109%20-%2090%20pages.pdf</a> >
NRC-139	Contention 3	U.S. Geological Survey, 2006, Quaternary fault and fold database for the United States, accessed June 20, 2014, from USGS web site: <a href="http://earthquakes.usgs.gov/regional/qfaults/">http://earthquakes.usgs.gov/regional/qfaults/</a> .
NRC-140		[REMOVED]

NRC-141-A	Contention 4	<i>Dewey-Burdock Project Supplement to Application for NRC Uranium Recovery License Dated February 2009</i> , Prepared by Powertech (USA) Inc. Greenwood Village, Colorado, CO. (Aug 31, 2009) (ADAMS Accession No. ML092870155).  Pages 1–42
NRC-141-B	Contention 4	<i>Dewey-Burdock Project Supplement to Application for NRC Uranium Recovery License Dated February 2009</i> , Prepared by Powertech (USA) Inc. Greenwood Village, Colorado, CO. (Aug 31, 2009) (ADAMS Accession No. ML092870155).  Pages 43–123
NRC-141-C	Contention 4	<i>Dewey-Burdock Project Supplement to Application for NRC Uranium Recovery License Dated February 2009</i> , Prepared by Powertech (USA) Inc. Greenwood Village, Colorado, CO. (Aug 31, 2009) (ADAMS Accession No. ML092870155).  Pages 124–132
NRC-141-D	Contention 4	<i>Dewey-Burdock Project Supplement to Application for NRC Uranium Recovery License Dated February 2009</i> , Prepared by Powertech (USA) Inc. Greenwood Village, Colorado, CO. (Aug 31, 2009) (ADAMS Accession No. ML092870155).  Pages 133–143
NRC-141-E	Contention 4	<i>Dewey-Burdock Project Supplement to Application for NRC Uranium Recovery License Dated February 2009</i> , Prepared by Powertech (USA) Inc. Greenwood Village, Colorado, CO. (Aug 31, 2009) (ADAMS Accession No. ML092870155).  Pages 144–152
NRC-142	Contention 1	Submittal of Comments on Draft Programmatic Agreement for the Proposed Dewey-Burdock ISR Uranium Mining Project. (Mar. 17, 2014) (ADAMS Accession No. ML14077A002)  Pages 5-1

NRC-143	Contention 1	Letter to Oglala Sioux Tribe re: Invitation for Government-to-Government Meeting Concerning Licensing Actions for Proposed Uranium Recovery Projects. (Mar. 12, 2013) (ADAMS Accession No. ML13071A653).
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NRC-145-A	Contention 1	<i>Guidelines for Evaluation and Documenting Traditional Cultural Properties</i> . National Register Bulletin, U.S. Department of the Interior. National Park Service. (ADAMS Accession No. ML12240A371).  Pages 1–14
NRC-145-B	Contention 1	<i>Guidelines for Evaluation and Documenting Traditional Cultural Properties</i> . National Register Bulletin, U.S. Department of the Interior. National Park Service. (ADAMS Accession No. ML12240A371).  Pages 15–18
NRC-146	Contention 1	2013/03/13 Powertech Dewey-Burdock LA - RE: field survey in the spring of 2013. (Mar. 13, 2013) (ADAMS Accession No. ML13078A388).
NRC-147	Contention 1	2013/03/13 Powertech Dewey-Burdock LA - RE: field survey for Dewey-Burdock. (Mar. 13, 2013) (ADAMS Accession No. ML13078A384).
NRC-148	Contention 1	Letter from Oglala Sioux Tribe in response to February 8, 2013 letter to Tribal Historic Preservation Officer, March 23, 2013 (ADAMS Accession No. ML13141A362).
NRC-149	Contention 1	2013/08/30 Powertech Dewey-Burdock LA - Request for Availability to discuss development of a PA for the Dewey Burdock Project. (Aug. 30, 2013) (ADAMS Accession No. ML13267A221)

NRC-150	Contention 1	2013/11/14 Powertech Dewey-Burdock LA - Reminder: Teleconference to discuss the development of the PA for the Dewey Burdock project is scheduled for Friday. (Nov. 15, 2013. (ADAMS Accession No. ML13322B658)
NRC-151	All Contentions	NRC Staff Rebuttal Testimony
NRC-152	All Contentions	Statement of Professional Qualifications of Hope E. Luhman
NRC-153	Contention 1	Excerpt from Parker, P. and T. King. Guidelines for Evaluating and Documenting Traditional Cultural Properties, National Register of Historic Places Bulletin 38. (1990) (ADAMS Accession No. ML12240A371).
NRC-154	Contentions 2-4	Excerpt from Bates, R. and J. Jackson. Dictionary of Geological Terms 3 <sup>rd</sup> Edition. (1984).
NRC-155	Contention 1	Letter from South Dakota Historical Society re: Dewey-Burdock Project, (Jan. 2014) (ADAMS Accession No. ML14014A307).
NRC-156	Contention 2	Johnson, R. H. "Reactive Transport Modeling for the Proposed Dewey-Burdock Uranium In-Situ Recovery Mine, Edgemont, South Dakota, USA." International Mine Water Association, Mine Water—Managing the Challenges. 2011.
NRC-157	Contention 1, 6	NRC Staff's Supplemental Testimony on Take Permit Application, Draft Avian Monitoring Plan, and BLM Letter
NRC-158	Contentions 3	NRC Staff's Supplemental Testimony on TVA Well Log Data



NRC-159	Contention 3	Resume of Paul Bertetti
NRC-160	Contention 3	Resume of Ronald McGinnis
NRC-161	Contention 3	Location of Historic TVA Drill Holes
NRC-162	Contention 3	Figure 2.6-2a from Powertech's Technical Report (2014)
NRC-163	Contention 3	USGS Topographic Map for the Dewey-Burdock Area
NRC-164	Contention 3	USGS Digital Elevation Model (30-m grid) for the Dewey-Burdock Area
NRC-165	Contention 3	USDA NAIP Orthographic Image for Fall River County (2012)
NRC-166	Contention 3	Drill Hole Log Spot Check—Elevation of Top of Fuson Shale NON-PUBLIC / PROPRIETARY INFORMATION

NRC-167	Contention 3	Location of Drill Hole Transects
NRC-168	Contention 3	Transect 1—Fence Diagram of Drill Hole Resistivity Logs NON-PUBLIC / PROPRIETARY INFORMATION
NRC-169	Contention 3	Transect 2—Fence Diagram of Drill Hole Resistivity Logs NON-PUBLIC / PROPRIETARY INFORMATION
NRC-170	Contention 3	Transect 1 and Transect 2 Drill Holes
NRC-171	Contention 3	Locations of Drill Holes and Suspected Sinkhole
NRC-172	Contention 3	Fence Diagram of Resistivity Profiles for Selected Drill Holes near Proposed Sinkhole NON-PUBLIC / PROPRIETARY INFORMATION
NRC-173	Contention 3	Table 2. Drill Hole Logs Used for Spot Checking NON-PUBLIC / PROPRIETARY INFORMATION