

J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7TH STREET, UNIT B
GRAND JUNCTION, COLORADO 81501
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

September 28, 2022

Mr. Clayton Wein
Colorado Division of Reclamation, Mining & Safety
1313 Sherman Street, Rm 215
Denver, CO 80203

Re: Snowcap Coal Company, Inc. (SCC)
Permit Renewal No. 8 (RN-08)
Preliminary Adequacy Review
Permit No. C-1981-041

Dear Mr. Wein:

The DRMS' letter dated September 9, 2022, transmitted its adequacy comments regarding RN-08. Following are SCC's responses to the DRMS' comments and concerns:

Rule 2.03 – Legal, Financial and Compliance and Other Related Information

1. **DRMS:** Please update as necessary the information contained in Tab 3 (Volume 1). This section of the permit contains the names and addresses of the mine operator, the resident agent, surface landowners, subsurface landowners and contiguous surface and subsurface owners.

SCC: Enclosed are revised permit page 3-1 and Figure 3-2 updating the Resident Agents information and text currently used in typical notice of publication.
2. **DRMS:** Rule 2.03.4 - Please update as needed the officer and control information provided in Tab 3, including tables and exhibits.

SCC: Enclosed is revised Appendix 3-1 updating the Officer and Directors for Snowcap Coal Company and Parent Companies.
3. **DRMS:** Please review Exhibits 3 and 4 of the permit and update the maps related to section 2.03 as necessary to reflect any changes that may have occurred.

SCC: No updates required.
4. **DRMS:** Rule 2.03.5 - There have been no violations issued from the division since 2006. Please review the information in Tab 3 (Volume 1) and update any text if necessary.

SCC: Enclosed is revised Table 3-2.

5. **DRMS:** Please review the right of entry information in Tab 3, and Tables 3-3 through 3-6 (Volume 1). Please update any text or exhibit as necessary.

SCC: No updates required.

6. **DRMS:** Please review the information in Tab 3 (Volume 1) and update the permit term information as per Rule 2.03.8.

SCC: Enclosed is permit page 3-5 updating the permit term information.

7. **DRMS:** Rule 2.03.10 - Please review the information provided in Tab 3 (Volume 1) and update any information on other licenses and permits if necessary.

SCC: No updates required.

Rule 2.04.7 – Hydrology Description

8. **DRMS:** Rule 2.04.7(4) - Please update and provide the Division with an updated section in Volume 2 regarding the implementation of a water augmentation plan. Please include any tables and/or maps as necessary via a Minor Revision Application.

SCC: SCC will submit a Minor Revision Application updating Tab 7, Volume 2, of SCC's permit regarding the implementation of a water augmentation plan.

Rule 2.04.10 – Vegetation Information

9. **DRMS:** Please review Tab 10 and Table 10-1 (Volume 3) for information regarding the threatened and endangered species list for the plant species that are applicable to the Roadside Portals Mine and update as necessary.

SCC: Enclosed are revised permit page 10-2 and Table 10-1 updating and listing the most current threatened, endangered and candidate species for SCC's permit boundary area as per the U.S. Fish and Wildlife (ECOS) listing on September 19, 2022.

Rule 2.04.11 – Fish and Wildlife Resources Information

10. **DRMS:** Please review Tab 11 and Tables 11-1 through 11-4 (Volume 3) of the permit and update as necessary. Please ensure that the Threatened and Endangered Species list is updated if necessary.

SCC: Enclosed are revised permit page 11-4 and Table 11-4 updating and listing the most current threatened, endangered and candidate species for SCC's permit boundary area as per the U.S. Fish and Wildlife (ECOS) listing on September 19, 2022.

Rule 2.05.3 – Operation Plan

11. **DRMS:** Rule 2.05.3(2) - With the approval of SL-11 and TR-71, please update the text on P.12-3 in Tab 12 (Volume 3) to reflect the Operation Description, Permit Area with current information as needed.

SCC: Enclosed is revised permit page 12-3 updating text to reflect current disturbed and affected areas.

12. **DRMS:** Please update any Tables in Tab 12 as needed.

SCC: Enclosed is revised permit Table 12-1 updating text and current disturbed surface areas.

2.05.4(2)(b) – Reclamation Cost Estimate

13. **DRMS:** The Division updated the reclamation cost estimate for the Roadside Portals Mine with this renewal application. The updated estimate is attached to the end of this letter for review. The Division has calculated the reclamation costs to be \$48,812.00. The Division currently holds a bond in the form of a corporate surety in the amount of \$65,702.24. The current bond held by the Division is sufficient to cover the remaining reclamation activities for the mine site.

SCC: No response required.

2.05.6 – Mitigation of Impacts of Mining

14. **DRMS:** Rule 2.05.6(4) - Protection of Public Parks and Historical Places. Please ensure that the information provided in Tab 16 (Volume 5) of the permit is up to date. Include any changes to existing cultural resources and any new ones discovered since the last renewal. Please also include any new sites that are potentially eligible for protection.

SCC: No updates required.

Enclosed are the revised permit documents as follows:

Volume 1	Tab 3	Revised Permit Pages 3-1 and 3-5 Revised Table 3-2 Revised Figure 3-2 Revise Appendix 3-1
Volume 3	Tab 10	Revised Permit Page 10-2 Revised Table 10-1
Volume 3	Tab 11	Revised Permit Page 11-4 Revised Table 11-4
Volume 3	Tab 12	Revised Permit Page 12-3 Revised Table 12-1

If you have any questions please give me a call.

Sincerely,

Tonya K. Hammond

Tonya K, Hammond
Owner's Representative

cc: Mesa County Clerk, Office of Surface Mining, BLM, SCC File

2.03.4 Identification of Interests

(1) **Business Entity:**

The applicant, Snowcap Coal Company, Inc., is a Delaware Corporation.

During 2002 this mining permit was transferred from Powderhorn Coal Company to Snowcap Coal Company, Inc. Any permit obligations or commitments attributed to the permit application package to Powderhorn Coal Company apply to Snowcap Coal Company, Inc.

(2) **Applicant/Operator**

Snowcap Coal Company, Inc.
P.O. Box 1430
Palisade, Colorado 81526
(970) 241-8118
Employer ID No. 31-1807360

Registered Agent:

The Corporation Company
7700 E. Arapahoe Rd., Ste. 220
Denver, Colorado 80112-1268
(800) 362-1228
Employer ID No. 51-0099485

Resident Agents:

Tonya K. Hammond
Owner's Representative
Snowcap Coal Company, Inc. and
P.O. Box 1430
Palisade, CO 81526
(970) 241-8118

James E. Stover
J. E. Stover & Associates, Inc.
743 Horizon Court
Suite 334
Grand Junction, CO 81506
(970) 260-0802

(3) **Ownership and Control**

The owner of Snowcap Coal Company, Inc. is:
AEP Coal, Inc.
155 W. Nationwide Blvd, Suite 500
Columbus, OH 43215
(614) 583-6974
Employer ID #31-1807528

Substantial legal and financial commitments were made on December 16, 1976, when an Agreement to 1) construct the Roadside North Portal and 2) supply approximately 13,450,000 tons of coal was executed.

- (3) Surface mining activities within 300' of occupied dwellings - not applicable.

2.03.8 Permit Term Information

- (1) Surface mining activity schedule - not applicable.
- (2) Underground coal mining operations began in the permit area in 1899 and have run continuously until the present time. Operations using current mining methods began in 1974. From 1974 to 2022, approximately 242 acres of surface lands were disturbed in conjunction with mining operations. No disturbance of additional surface lands during the life of the permit is planned.

The total area affected by coal extraction during the life of the mine is depicted on in Tab Section 12, Table 12-2.

Mining ceased at the Roadside Portals on December 2, 1999. The current permit expires January 3, 2028.

- (3) Request for permit term greater than 5 years - not applicable.

2.03.9 Personal Injury and Property Damage Information

- (1) A copy of an insurance certificate certifying that the applicant has a public liability insurance policy in force for the coal mining operation for which the permit is sought is provided in Figure 3-1.

SNOWCAP COAL COMPANY, INC.
TABLE 3-2
NOTICE OF VIOLATION LIST

Snowcap Coal Company, Inc. has not had any violation notices pertaining to any provision of the Act, or of any law, rule or regulation of the United States, or of any State law, rule or regulation enacted pursuant to Federal law, rule or regulation pertaining to air or water environmental protection during the three year period preceding the date of this page revision.

Figure 3-2

Public Notice

Snowcap Coal Company, P.O. Box 1430, Palisade, CO, 81526, has submitted a complete application for a technical revision (TR-71) to the Colorado Division of Reclamation, Mining and Safety for its Roadside North and South Portals, mining permit No. C-1981-041. The proposed revision decreases the permit boundary and revises exhibits and tables throughout the permit. This revision includes the removal from the permit boundary of approximately 0.72 miles of I-70, located at Exit 45, and approximately 0.25 miles of Rapid Creek Road, located in the N1/2 NE1/4 of Section 2, T11S, R98W, 6th P.M. The purpose of the revision is to change the permit boundary to reflect portions of the bond release granted by the Division with the approval of SL-11 which will reduce the permit area from 548.0 acres to 317.0 acres.

The Roadside mines are located approximately three miles northeast of Palisade, CO at the Interstate 70, Cameo Exit No. 45. The permit area is encompassed within the following lands:

T10S, R98W., 6 th P.M.:	Sections 26, 34, & 35
T11S, R98W., 6 th P.M.:	Section 2

The location of these sections is contained within the U.S. Geological Survey 7.5 minute Cameo Quadrangle map.

A copy of the technical revision application is available for public inspection at the Mesa County Clerk and Recorder's office, 200 S. Spruce, Grand Junction, CO. Copies of the approved permit application document, as well as the technical revision application, are available at the Denver office of the Division of Reclamation, Mining and Safety [Room 215, 1313 Sherman St., Denver, CO 80203, (303) 866-3567]. Written comments and phone inquiries regarding this application may be directed to, and additional information may be obtained from, the Denver office of the Division of Reclamation, Mining and Safety. Written comments must be received by the Division of Reclamation, Mining and Safety within 30 days after the date of this publication in order to be considered.

Snowcap Coal Company, Inc.

P.O. Box 1430
Palisade, CO 81526

FEIN 31-1807360

PHONE (970) 241-8118

CO-AVS-ID 151717

Officers and Directors

ID_AVS	OFFICER	TITLE	BEGIN DATE	END DATE
SSN				
FEIN				
	Mark J. Leskowitz	Vice-President	08/01/22	
	Paul Chodak	Vice-President	01/01/19	
	Timothy M. Dooley	Chief Financial Officer	01/08/14	
	David C. House	Assistant Secretary	09/25/20	
	William E. Johnson	Assistant Secretary	09/25/20	
	Julie A. Sherwood	Treasurer	01/01/21	
	Julia A. Sloat	Director	01/01/21	
	Nicholas K. Akins	Director	10/01/18	
	David M. Feinberg	Director	10/01/18	
	James D. Henry	Vice-President	05/24/11	07/29/22
	Brian X. Tierney	Director	10/01/18	12/31/20
	Julia A. Sloat	Treasurer	01/01/19	12/31/20
	Thomas G. Berkemeyer	Assistant Secretary	03/13/12	09/25/20
	Mark C. McCullough	Vice-President	05/24/11	12/31/18
	Lonni L. Dieck	Treasurer	05/03/16	12/31/18
	Thomas G. Berkemeyer	Director	01/08/14	10/01/18
	Timothy M. Dooley	Director	01/08/14	10/01/18
	Timothy M. Dooley	Chief Financial Officer	01/08/14	10/01/18
	Jeffrey D. Cross	Secretary	03/13/12	10/30/15
	Jeffrey D. Cross	Director	07/01/10	10/30/15
	Jon D. Holtzmuller	Chief Financial Officer	07/01/10	01/08/14
	Jon D. Holtzmuller	Director	07/01/10	01/08/14
	Timothy K. Light	President	09/01/08	12/31/13
	Timothy K. Light	Director	09/01/08	12/31/13
	Julia A. Sloat	Director	01/01/13	05/01/13
	Charles E. Zebula	Treasurer	09/01/08	12/31/12
	Anne M. Vogel	Secretary	07/01/10	03/13/12
	Nelson L. Kidder	Vice-President	01/14/05	07/31/10
	David M. Cohen	Vice-President	10/29/01	06/30/10
	F. Scott Travis	Chief Financial Officer	04/23/04	06/30/10
	F. Scott Travis	Director	05/03/04	06/30/10
	David M. Cohen	Director	10/29/01	06/30/10
	David M. Cohen	Secretary	10/04/02	06/30/10
	Charles E. Zebula	President	01/14/05	09/01/08
	Charles E. Zebula	Director	01/14/05	09/01/08
	Nelson L. Kidder	President	04/30/04	01/14/05
	David G. Zatezalo	President	04/22/02	04/30/04
	David G. Zatezalo	Director	04/22/02	04/30/04
	Nelson L. Kidder	Vice-President	04/22/02	04/30/04
	Scott H. Finch	Treasurer	10/29/01	04/23/04
	Scott H. Finch	Director	10/29/01	04/23/04
	John W. Seidensticker	Vice-President	10/29/01	10/04/02
	Michael R. Rankin	Secretary	10/29/01	10/04/02
	Charles A. Ebetino, Jr.	President	10/29/01	04/22/02
	Charles A. Ebetino, Jr.	Director	10/29/01	04/22/02
	John W. Seidensticker	Director	10/29/01	10/04/02
	Michael R. Rankin	Director	10/29/01	10/04/02

AEP Coal, Inc.

155 W. Nationwide Blvd, Ste 500
Columbus, OH 43215

FEIN 31-1807528

PHONE 614-583-6974

CO-AVS-ID 151396

Officers and Directors

ID_AVS SSN/FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Nicholas K. Akins	Chairman of the Board	05/20/14	
	Nicholas K. Akins	Chief Executive Officer	05/20/14	
	Nicholas K. Akins	President	05/20/14	
	Paul Chodak	Vice President	01/01/19	
	James X. Llende	Vice President-Tax	11/17/17	
	Julia A. Sloat	Vice President	01/01/21	
	Julia A. Sloat	Chief Financial Officer	01/01/21	
	Joseph M. Buonaiuto	Chief Acct Officer	05/20/14	
	Joseph M. Buonaiuto	Controller	05/03/04	
	Jeffrey W. Hoersdig	Assistant Controller	08/01/18	
	David M. Feinberg	Secretary	01/01/12	
	William E. Johnson	Assistant Secretary	09/25/20	
	David C. House	Assistant Secretary	05/26/16	
	Julie A. Sherwood	Treasurer	01/01/21	
	Renee V. Hawkins	Assistant Treasurer	05/20/14	
	Charles E. Zebula	Director	07/03/21	
	Julia A. Sloat	Director	01/01/21	
	Nicholas K. Akins	Director	05/19/14	
	David M. Feinberg	Director	05/19/14	
	James D. Henry	Vice President	05/24/11	07/29/22
	Charles E. Zebula	Vice President	05/20/14	07/02/21
	Brian X. Tierney	Vice President	10/01/09	12/31/20
	Brian X. Tierney	Chief Financial Officer	05/20/14	12/31/20
	Brian X. Tierney	Director	10/01/09	12/31/20
	Julia A. Sloat	Treasurer	01/01/19	12/31/20
	Thomas G. Berkemeyer	Assistant Secretary	04/02/09	09/25/20
	Julie Williams	Assistant Controller	05/21/15	03/08/19
	Mark C. McCullough	Vice President	05/24/11	12/31/18
	Lonni L. Dieck	Treasurer	05/03/16	12/31/18
	Diana L. Gregory	Assistant Controller	05/21/15	06/15/18
	Mark A. Pyle	Vice President-Tax	07/05/05	01/28/18
	Robert P. Powers	Director	05/19/14	08/04/17
	Julia A. Sloat	Treasurer	01/01/13	05/02/16
	Jeffrey D. Cross	Assistant Secretary	10/29/01	10/30/15
	Jeffrey D. Cross	Vice President	10/29/01	05/20/14
	Jeffrey D. Cross	Director	10/29/01	05/19/14
	Timothy K. Light	Director	09/01/08	12/31/13
	Timothy K. Light	President	09/01/08	12/31/13
	Charles E. Zebula	Treasurer	10/01/09	12/31/12
	Anne M. Vogel	Assistant Secretary	04/02/09	03/13/12
	Michael D. Miller	Secretary	07/01/10	12/31/11
	Nelson L. Kidder	Vice President	04/22/02	07/31/10
	John B. Keane	Secretary	04/02/09	06/30/10
	Holly Keller Koeppel	Treasurer	01/29/08	10/01/09
	Charles E. Zebula	Assistant Treasurer	09/01/08	10/01/09

AEP Coal, Inc.

155 W. Nationwide Blvd, Ste 500
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FEIN 31-1807528

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CO-AVS-ID 151396

Officers and Directors
(Continued)

ID_AVS SSN/FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Holly Keller Koepfel	Vice President	09/01/06	10/01/09
	Holly Keller Koepfel	Director	09/01/06	10/01/09
	Rahmond L. Staggers	Secretary	10/01/07	04/02/09
	Charles E. Zebula	President	01/14/05	09/01/08
	Charles E. Zebula	Director	01/14/05	09/01/08
	Julia A. Sloat	Assistant Treasurer	01/29/08	07/10/08
	Stephen P. Smith	Treasurer	12/10/03	01/29/08
	Stephan T. Haynes	Assistant Treasurer	05/03/04	01/29/08
	Heather L. Geiger	Secretary	01/14/05	10/01/07
	Susan Tomasky	Vice President	10/29/01	09/01/06
	Susan Tomasky	Director	10/29/01	09/01/06
	Wendy G. Hargus	Assistant Treasurer	10/29/01	11/30/05
	Mark A. Pyle	Assistant Controller	05/03/04	07/05/05
	Michael J. Beyer	Vice President	01/14/05	05/13/05
	Michael J. Beyer	Director	04/22/02	05/13/05
	Michael J. Beyer	President	04/22/02	01/14/05
	Timothy A. King	Secretary	10/29/01	01/14/05
	Armando A. Pena	Vice President	10/29/01	12/30/04
	Armando A. Pena	Director	10/29/01	12/30/04
	David G. Zatezalo	Vice President	04/22/02	04/30/04
	Geoffrey S. Chatas	Treasurer	07/21/03	09/12/03
	Geoffrey S. Chatas	Assistant Treasurer	10/29/01	09/12/03
	Armando A. Pena	Treasurer	10/29/01	07/21/03
	Charles A. Ebetino, Jr.	President	10/29/01	04/22/02
	Charles A. Ebetino, Jr.	Director	10/29/01	04/22/02

American Electric Power Company, Inc.

1 Riverside Plaza
Columbus, OH 43215

FEIN 13-4922640
PHONE 614-223-1000
CO-AVS-ID 118471

Officers and Directors

ID_AVS SSN FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Nicholas K. Akins	Chairman of the Board	01/01/14	
	Nicholas K. Akins	Chief Executive Officer	11/12/11	
	Julia A. Sloat	President	08/10/22	
	Julia A. Sloat	Chief Financial Officer	01/01/21	
	Lisa M. Barton	Chief Operating Officer	01/01/21	
	Lisa M. Barton	Exec Vice President	01/01/21	
	Julia A. Sloat	Exec Vice President	01/01/21	
	Therace M. Risch	Exec Vice President	07/03/21	
	David M. Feinberg	Exec Vice President	01/01/13	
	Rajagopalan Sundararajan	Exec VP – External Affairs	07/02/22	
	Paul Chodak	Exec VP – Generation	01/01/19	
	Greg B. Hall	Exec VP – Energy Supply	07/03/21	
	Charles E. Zebula	Exec VP – Portfolio Opt	07/03/21	
	Phillip R. Ulrich	Senior Vice President	04/26/22	
	James X. Llande	Senior VP – Tax	04/26/22	
	Toby L. Thomas	Senior VP – Energy Del	07/31/21	
	Julie A. Sherwood	Senior Vice President	01/01/21	
	David M. Feinberg	General Counsel	01/01/12	
	David M. Feinberg	Secretary	01/01/12	
	Joseph M. Buonaiuto	Senior Vice President	04/27/04	
	Joseph M. Buonaiuto	Chief Accounting Officer	04/25/01	
	Joseph M. Buonaiuto	Controller	04/25/01	
	Gina E. Mazzei-Smith	Chief Compliance Officer	01/01/17	
	Therace M. Risch	Chief Info & Tech Officer	04/20/21	
	David C. House	Assistant Secretary	09/22/20	
	Julie A. Sherwood	Treasurer	01/01/21	
	Renee V. Hawkins	Assistant Treasurer	04/24/08	
	Phillip R. Ulrich	Chief Human Res Officer	04/26/22	
	Donna A. James	Director	06/22/22	
	Benjamin G S. Fowke	Director	02/22/22	
	Lewis F. Von Thaer	Director	02/22/22	
	Daryl Roberts	Director	12/09/20	
	Art A. Garcia	Director	09/18/19	
	Margaret M. McCarthy	Director	04/23/19	
	J. Barnie Beasley, Jr.	Director	02/25/14	
	Oliver G. Richard, III	Director	01/22/13	
	Sandra Beach Lin	Director	07/24/12	
	Nicholas K. Akins	Director	10/25/11	
	Sara Martinez Tucker	Director	01/27/09	
	Linda A. Goodspeed	Director	10/26/05	
	Nicholas K. Akins	President	01/01/11	08/10/22
	Charles R. Patton	Exec VP - External Affairs	01/01/17	07/02/22
	David J. Anderson	Director	04/26/11	06/21/22
	James X. Llande	Vice President – Tax	04/24/18	04/26/22
	Thomas E. Hoaglin	Director	12/12/07	04/26/22
	Stephen S. Rasmussen	Director	09/25/12	02/21/22
	Mark C. McCullough	Exec VP – Energy Del	01/01/21	07/30/21
	Charles E. Zebula	Exec VP - Energy Supply	04/22/14	07/02/21
	Therace M. Risch	Senior Vice President	04/20/21	07/02/21
	Brian X. Tierney	Exec VP – Strategy	01/01/21	07/01/21

American Electric Power Company, Inc.

1 Riverside Plaza
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FEIN 13-4922640
PHONE 614-223-1000
CO-AVS-ID 118471

Officers and Directors (Continued)

ID_AVS SSN FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Ralph D. Crosby, Jr.	Director	01/25/06	04/20/21
	Richard C. Notebaert	Director	04/26/11	04/20/21
	Mark C. McCullough	Exec VP – Transmission	01/01/19	12/31/20
	Brian X. Tierney	Exec Vice President	04/24/08	12/31/20
	Lisa M. Barton	Exec VP – Utilities	01/01/19	12/31/20
	Lana L. Hillebrand	Exec Vice President	01/01/17	12/31/20
	Julia A. Sloat	Senior Vice President	01/01/19	12/31/20
	Brian X. Tierney	Chief Financial Officer	10/01/09	12/31/20
	Lana Hillebrand	Senior Vice President	12/17/12	12/31/20
	Lana L. Hillebrand	Chief Admin Officer	12/17/12	12/31/20
	Julia A. Sloat	Treasurer	01/01/19	12/31/20
	Thomas G. Berkemeyer	Assistant Secretary	07/26/00	09/30/20
	Lionel L. Nowell, III	Director	07/27/04	04/21/20
	Paul Chodak, III	Exec VP - Utilities	01/01/17	12/31/18
	Mark C. McCullough	Exec VP - Generation	04/21/15	12/31/18
	Lisa M. Barton	Exec VP - Transmission	04/24/12	12/31/18
	Lonni L. Dieck	Senior Vice President	05/03/16	12/31/18
	Lonni L. Dieck	Treasurer	05/03/16	12/31/18
	Robert P. Powers	Vice Chairman	01/01/17	08/04/17
	Robert P. Powers	Chief Operating Officer	11/12/11	12/31/16
	Robert P. Powers	Exec Vice President	11/12/11	12/31/16
	Julie A. Rutter	Chief Compliance Officer	10/22/13	12/31/16
	Julia A. Sloat	Senior Vice President	01/01/13	05/02/16
	Julia A. Sloat	Treasurer	01/01/13	05/02/16
	Jeffrey D. Cross	Assistant Secretary	07/27/04	10/30/15
	Dennis E. Welch	Exec Vice President	12/12/07	08/31/15
	Dennis E. Welch	Chief External Officer	12/17/12	08/31/15
	Mark C. McCullough	Exec Vice President	04/26/11	04/21/15
	Richard L. Sandor	Director	06/15/00	04/22/14
	John F. Turner	Director	07/22/08	04/22/14
	Michael G. Morris	Director	01/01/04	04/22/14
	Michael G. Morris	Non-Executive Chairman	01/01/12	12/31/13
	Sandra K. Williams	Chief Compliance Officer	04/26/11	10/22/13
	James F. Cordes	Director	09/22/09	04/23/13
	Charles E. Zebula	Treasurer	09/01/08	12/31/12
	David M. Feinberg	Senior Vice President	01/01/12	12/31/12
	Lester A. Hudson, Jr.	Director	12/26/87	04/24/12
	Michael G. Morris	Executive Chairman	11/12/11	12/31/11
	Carl L. English	Vice Chairman	04/26/11	12/31/11
	Michael D. Miller	Senior Vice President	07/01/10	12/31/11
	Michael D. Miller	General Counsel	07/01/10	12/31/11
	Michael D. Miller	Secretary	07/01/10	12/31/11
	Michael G. Morris	Chairman of the Board	02/24/04	11/14/11
	Michael G. Morris	Chief Executive Officer	01/01/04	11/11/11
	Robert P. Powers	President-Utility Group	04/28/09	11/11/11
	Susan Tomasky	President-AEP Transm	04/28/09	07/31/11
	Kathryn D. Sullivan	Director	12/17/97	05/01/11

A3-1-5

American Electric Power Company, Inc.

1 Riverside Plaza
Columbus, OH 43215

FEIN 13-4922640
PHONE 614-223-1000
CO-AVS-ID 118471

Officers and Directors
(Continued)

ID_AVS SSN FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Carl L. English	Vice Chairman	01/01/11	04/26/11
	Carl L. English	Chief Operating Officer	01/01/08	04/26/11
	Venita McCellon-Allen	Exec Vice President	04/27/10	04/26/11
	E. R. Brooks	Director	06/15/00	04/26/11
	Donald M. Carlton	Director	06/15/00	04/26/11
	Michael G. Morris	President	01/01/04	12/31/10
	Nicholas K. Akins	Exec Vice President	09/01/06	12/31/10
	Charles R. Patton	Exec Vice President	04/27/10	07/01/10
	Venita McCellon-Allen	Exec Vice President	07/01/08	07/01/10
	John B. Keane	Exec Vice President	07/01/08	06/30/10
	John B. Keane	General Counsel	07/27/04	06/30/10
	John B. Keane	Secretary	07/27/04	06/30/10
	John B. Keane	Chief Compliance Officer	07/27/04	06/30/10
	Leonard V. Assante	Deputy Controller	07/26/00	05/31/10
	Richard E. Munczinski	Senior Vice President	06/01/08	01/01/10
	Holly Keller Koeppel	Exec Vice President	09/01/06	10/01/09
	Holly Keller Koeppel	Chief Financial Officer	09/01/06	10/01/09
	Susan Tomasky	President-AEP Transm	04/22/08	04/28/09
	Robert P. Powers	President-AEP Utilities	01/01/08	04/28/09
	John P. DesBarres	Director	04/23/97	12/29/08
	Julia A. Sloat	Treasurer	01/01/08	07/10/08
	Thomas M. Hagan	Exec Vice President	09/01/06	06/30/08
	John B. Keane	Senior Vice President	07/27/04	06/30/08
	Stephen P. Smith	Senior Vice President	04/27/04	06/01/08
	Stephan T. Haynes	Assistant Treasurer	05/25/04	04/24/08
	Susan Tomasky	Exec Vice President	09/01/06	04/22/08
	Robert W. Fri	Director	12/13/95	04/22/08
	William R. Howell	Director	06/15/00	04/22/08
	Donald G. Smith	Director	07/27/94	04/22/08
	Stephen P. Smith	Treasurer	01/28/04	01/01/08
	Carl L. English	President-AEP Utilities	08/01/04	01/01/08
	Robert P. Powers	Exec Vice President	04/27/04	01/01/08
	Dennis E. Welch	Senior Vice President	08/01/05	12/12/07
	Susan Tomasky	Exec Vice President	04/27/04	09/01/06
	Susan Tomasky	Chief Financial Officer	10/24/01	09/01/06
	Coulter R. Boyle, III	Senior Vice President	07/27/04	01/01/06
	Wendy G. Hargus	Assistant Treasurer	07/26/00	11/30/05
	Leonard J. Kujawa	Director	02/26/97	04/26/05
	Henry W. Fayne	Executive Vice President	04/27/04	12/30/04
	Thomas V. Shockley, III	Chief Operating Officer	04/27/04	07/30/04
	Thomas M. Hagan	Executive Vice President	04/27/04	07/27/04
	Holly Keller Koeppel	Executive Vice President	04/27/04	07/27/04
	Jeffrey D. Cross	Senior Vice President	04/27/04	07/27/04
	Jeffrey D. Cross	General Counsel	04/27/04	07/27/04
	Jeffrey D. Cross	Chief Compliance Officer	04/27/04	07/27/04
	Jeffrey D. Cross	Secretary	04/27/04	07/27/04
	Thomas V. Shockley, III	V-Chairman of the Board	07/26/00	04/27/04

A3-1-6

American Electric Power Company, Inc.1 Riverside Plaza
Columbus, OH 43215FEIN 13-4922640
PHONE 614-223-1000
CO-AVS-ID 118471**Officers and Directors**
(Continued)

ID_AVS SSN FEIN	OFFICER	TITLE	BEG DATE	END DATE
	Henry W. Fayne	Vice President	06/01/98	04/27/04
	Susan Tomasky	Vice President	12/12/01	04/27/04
	Susan Tomasky	Secretary	07/22/98	04/27/04
	Thomas V. Shockley, III	Director	06/15/00	04/27/04
	Linda Gillespie Stuntz	Director	02/24/93	04/27/04
	Jeffrey D. Cross	Assistant Secretary	07/26/00	04/27/04
	Michael G. Morris	Director	02/24/04	02/24/04
	E. Linn Draper, Jr.	Chairman of the Board	04/28/93	02/24/04
	E. Linn Draper, Jr.	Director	03/01/92	02/24/04
	E. Linn Draper, Jr.	Chief Executive Officer	04/28/93	12/31/03
	E. Linn Draper, Jr.	President	03/10/92	12/31/03
	Geoffrey S. Chatas	Treasurer	04/23/03	09/12/03
	Armando A. Pena	Treasurer	11/01/95	04/23/03
	William L. Scott	Assistant Controller	11/01/95	04/23/03
	Geoffrey S. Chatas	Assistant Treasurer	07/26/00	04/23/03
	James L. Powell	Director	06/15/00	04/23/02
	Henry W. Fayne	Chief Financial Officer	06/01/98	10/24/01
	Morris Tanenbaum	Director	12/13/89	04/25/01
	John F. DiLorenzo, Jr.	Assistant Secretary	05/24/77	01/31/01
	Leonard V. Assante	Controller	06/01/98	07/26/00
	Leonard V. Assante	Chief Accounting Officer	06/01/98	07/26/00
	William L. Scott	Assistant Treasurer	03/01/97	11/01/95

- (4) Because all mining activity within the permit area, other than surface facilities, is underground, the only qualitative vegetation information collected is for the vegetation study areas as described in Appendix 10-1.
- (5) Appendix 10-2, describes the results of the threatened and endangered species survey conducted within the Roadside North and South Portals permit area in 1983. Additional survey work was done in 1996 to cover the CRDA-2 and -3 as well as areas adjacent to the 2 West Portals and the South Fan. This survey is included as Appendix 10-3.

Appendix 11-1, Fish and Wildlife Service Biological Opinion and Recovery Agreement, states that the Uinta basin hookless cactus (T) and the Debeque phacelia (C), which were listed in Mesa County as federally threatened and candidate species of plants, would not be affected by proposed operation at Snowcap Coal Company.

Table 10-1 lists current threatened, endangered and candidate species for Snowcap Coal Company's permit boundary.

SNOWCAP COAL COMPANY, INC.

TABLE 10-1

THREATENED AND ENDANGERED SPECIES (PLANTS)

SPECIES	ENDANGERED (E) THREATENED (T) CANDIDATE (C)
Colorado hookless cactus (<i>Sclerocactus glaucus</i>)	T

Threatened and Endangered Species

Four species of threatened and endangered fish can be expected to inhabit the Colorado River in this area: the Colorado pikeminnow, the razorback sucker, the humpback chub and the bonytail chub. United States Fish & Wildlife Service (USFWS) issued a Biological Opinion accepting a Recovery Agreement with Snowcap Coal Company as the appropriate mechanism to allow for a determination that water depletions to the Colorado River would be offset, and that the operation is not likely to jeopardize the continued existence of the species and is not likely to destroy or adversely modify designated critical habitat. The Opinion and Agreement are incorporated into the permit as Appendix 11-1.

Appendix 11-1 also lists the bald eagle (T) (removed from T/E list in August 2007), Canada lynx (T) and yellow-billed cuckoo (C) as federally threatened and candidate species of animals listed in Mesa County. In the Biological Opinion, the USFWS accepted OSM's determination that the operations would not affect these species. Table 11-4 lists current Threatened and Endangered Species for Snowcap Coal Company's permit boundary.

A wildlife map depicting deer winter range and potential raptor and waterfowl nesting areas with respect to mine surface facilities is provided in Exhibit 25. A general location for one raptor nesting area is shown on the Exhibit, The most likely location for additional sites are identified by the upper reaches of the steep canyon walls which are highlighted on the map and steep canyon walls to the south. The Colorado River and adjacent banks can be considered important waterflow habitat for those species identified as nesting species in the wildlife study contained in Table 11-2.

SNOWCAP COAL COMPANY, INC.

TABLE 11-4

THREATENED AND ENDANGERED SPECIES (WILDLIFE)

GROUP	ENDANGERED (E) THREATENED (T) CANDIDATE (C)
<u>MAMMALS</u>	
Gray Wolf (<i>Canis lupus</i>)	E
<u>BIRDS</u>	
Yellow-billed Cuckoo (<i>Coccyzus americanus</i>)	T
Mexican Spotted Owl (<i>Strix occidentalis lucida</i>)	T
<u>FISHES</u>	
Humpback chub (<i>Gila cypha</i>)	T
Colorado pikeminnow (<i>Ptychocheilus lucius</i>)	E
Bonytail chub (<i>Gila elegans</i>)	E
Razorback sucker (<i>Xyrauchen texanus</i>)	E
<u>INSECTS</u>	
Monarch Butterfly (<i>Danaus plexippus</i>)	C

2.05.3(2) Operation Description - Permit Area

Underground coal mining operations began in the permit area in 1899 and have run intermittently until the present time. Operations using current mining methods began in 1974. From 1974 to 2022, approximately 242 acres of surface lands were disturbed in conjunction with mining operations. No disturbance of additional surface lands during the life of the permit is planned. Exhibits 6A through 11A, 13C, 51 and 52, Tab Section 13, and Figure 14-17, Tab Section 14 shows the location of each disturbed, or approved disturbed, surface area and Table 13-1 describes the buildings and structures in each area. In the period from 1974 through 1999, a total of 3,523 acres were affected in conjunction with underground mining activities. Table 12-1 presents areas disturbed to date. Table 12-2 presents the acres affected by the North and South Portal workings through 1999. The underground mining sequence and aerial extent of affected lands is depicted in Exhibit 5 and Appendix 12-2. A significant portion of the above described affected acres have been released by SL-3 through SL-11 from 2008 through 2020, leaving a total of 0.4 acres affected within the permit boundary. The new permit acres are presented in Table 3-7.

Mining ceased at the Roadside Portals on December 2, 1999. The North Mine was sealed during January and February 2000. The Roadside South Mine was sealed during April 2000.

C-SEAM EXPLORATION

In September 1999, all C-Seam coal production was halted after a decision to suspend the operations of the mine was made. Better quality coal and better mining conditions found in the Cameo B Seam retreating section allowed the operator to mine coal at the most efficient levels during the months leading up to the suspension.

The following is a summary of the rationale for mining the C-Seam, the conditions found while mining and the mechanism employed in the mining of the C-Seam.

TABLE 12-1
DISTURBED SURFACE AREAS - GENERAL DESCRIPTION

DISTURBED SURFACE AREA	EXHIBIT	ACRES	DESCRIPTION
Roadside Mine Portal and Surface Facilities	6C	25.2	Location of warehouse, shop, training building, reclaimed Roadside Refuse Pile, reclaimed sub-stations, parking facilities, lab, Roadside Mine portals and drainage structures, new upper diversion ditch and revised acreage with MR85.
North Decline	12C	18.6	Reclaimed location of fan portal for Roadside South Portal, mine discharge treatment system and sub-station.
Roadside North Portal and Surface	8C	26.6	Reclaimed location of North Portals, shop, screening and crushing facility, truck loadout, raw-coal storage pile, storage yard, parking facilities, access roads, drainage structures and powder and cap magazines.
Cameo Refuse Disposal Area No. 1	9C	29.7	Reclaimed Cameo Refuse Disposal Area No. 1, and drainage control structures.
Overland Conveyor	7A	4.3	Reclaimed location of section of overland conveyor corridor, suspension bridge and transfer No. 2.
Railroad Spur & Overland Conveyor Unit Train Loadout Facility	10A, 11A	67.9	Haul road, loadout truck scales and Railroad Spur. Reclaimed location of clean coal storage area, train loadout facility, railroad spur, haul roads, light duty roads, drainage structures, and a non-discharging sewage lagoon.
Cameo Refuse Disposal Area No. 2	60	31.8	Reclaimed Cameo Refuse Disposal Area No. 2, stockpiles and drainage control structures.
South Fan	SL-16-009	0.9	Reclaimed ventilation shaft and facilities including a reclaimed borrow area. Reclaimed during 2000.
Flood Control Dike	54	2.8	Rip-Rapped embankment and berm along the Colorado River adjacent to a portion of the overland conveyor. Reclaimed in fall of 1985.
South Lease Exploration	SL-07-021	7.0	10 exploration drill sites and associated access roads. Reclaimed in fall 1985 and fall 1987.
2 West Portals	58	1.0	Two sealed/backfilled mine portals, reclaimed substation and stockpile area. Reclaimed in 2000.

TABLE 12-1
DISTURBED SURFACE AREAS - GENERAL DESCRIPTION

DISTURBED SURFACE AREA	EXHIBIT	ACRES	DESCRIPTION
Cameo Borrow Area # 1	9A	2.8	Reclaimed Borrow Area located at the intersection of Haul Roads 4 and 5. Borrow area was used and seeded in 1994 and 2002.
Cameo Borrow Area #2 and Temporary Access Road	9C	3.9	Borrow area located between CRDA No. 1 and CRDA No. 3 along Coal Gulch and drainage structures. Borrow area was used and seeded in 1994 and 2002.
Northwest Intake Portal	13C	0.1	Reclaimed Northwest Intake Portal and standby mine water discharge system.
Mine Dewatering	Figure 14-8	0.5	Reclaimed permanent Roadside Mine dewatering system. Consists of an angled steel cased hole that penetrates the mine opening. Water flows by gravity to the surface.
South Portal Hydrologic Repair	Figure 14-17	0.4	Proposed disturbance to repair old vent shaft as approved by TR69. Repaired in 2019.
RSRDA Borrow Area	6C	5.6	Borrow area located southeast of RSRDA. Also reclaimed old upper diversion ditch. Borrow area was used and seeded during 2002.
Permanent Haul Road	9C,60	3.4	Roads to CRDA-1, CRDA-2, CRDA-3 & CBA-2.
Permanent Road & Ditches at North Decline	12C	1.7	Upper diversion ditches and access road through North Decline remain as permanent structures.
Permanent Road and Powerline for 2 West Portals	57	3.8	7500' of access road to remain. Powerline removed in 2001.
Permanent – Coal Gulch	9C	1.4	Approved permanent realignment of Coal Gulch.
Permanent – Coal Creek	60	0.8	Approved permanent realignment of Coal Creek.
Permanent – Topsoil Pile #2	8C	0.3	Remnant of Topsoil Pile #2 approved as permanent structure.
Permanent – North Portal Ditch	8C	1.4	Upper Diversion ditch at North Portal to remain as permanent structure.
Total Disturbance		241.9	