

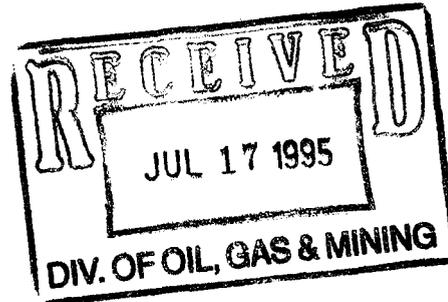
0013

**SUNNYSIDE COGENERATION ASSOCIATES**

Post Office Box 10  
East Carbon, Utah 84520  
(801) 888-4476  
(801) 888-2538 Fax

July 17, 1995

Ms. Pamela Grubaugh-Littig  
Division of Oil, Gas and Mining  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180-1203



**RE: Permit No. ACT / 007 / 035 : Sunnyside Cogeneration Associates  
Permit submittal Associated with NOV 93-13-2-1**

Dear Pam,

This submittal responds to twelve of the deficiencies listed in the Technical Analysis received by SCA in early June. These twelve issues were identified in the schedule submitted to James Carter on July 14, 1995. Several of these issues are among those discussed with individual members of the DOGM technical staff regarding items which had already been submitted into the permit.

For an itemization of the specific permit documents included with this submittal, please refer to the Detailed Schedule of Changes to the Permit associated with the attached Application for Permit Change.

If you have any questions concerning, please feel free to call me at (801) 888-4476.

Sincerely,

Danny Mattingly  
SCA General Manager

- cc: Bob Evans, NRG
- Jim O'Donnell, NRG
- Doug Burnham, B&W
- Tom Eckstein, B&W
- Alane E. Boyd, EWP
- Brian Burnett, CNM
- Bill Malencik, DOGM
- Joe Helfrich, DOGM

Attachments

# APPLICATION FOR PERMIT CHANGE

Title of Change: **SUNNYSIDE COGENERATION ASSOCIATES**

Permit Number: **ACT/007/035**

Permit submittal to address deficiencies listed in DOGM's TA dated May 30, 1995

Mine: **Sunnyside Cogen. Assoc.**

Permittee: **Sunnyside Cogen. Assoc.**

Description - include reason for change and timing required to implement: **Permit submittal to address deficiencies listed in DOGM's TA dated May 30, 1995**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.                          |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.                       |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 4. Will permit change include operations in hydrologic basins other than currently approved?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 6. Does permit change require or include public notice publication?   |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | 7. Permit change as a result of a Violation? Violation # <b>93-13-2-1</b>   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 8. Permit change as a result of a Division Order? D.O. #  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 9. Permit change as a result of other laws or regulations? Explain:   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 10. Does permit change require or include ownership, control, right-of-entry, or compliance information?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 11. Does the permit change affect the surface landowner or change the post mining land use?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 12. Does permit change require or include collection and reporting of any baseline information?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 14. Does permit change require or include soil removal, storage or placement?   |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities?   |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | 17. Does permit change require or include water monitoring, sediment or drainage control measures?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?                                      |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area? <b>N/A</b> |

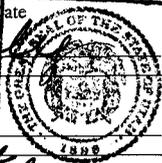
Attached **3** complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all aspects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

*S. Scott Carlson* ENGINEER 17 July 95

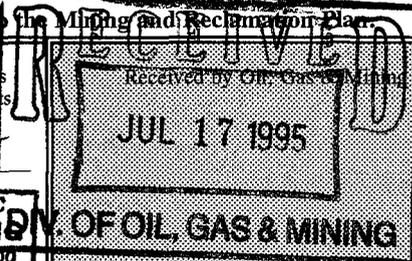
Signed - Name - Position - Date

Subscribed and sworn to before me this 17th day of July 1995  
Notary Public



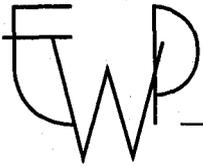
**NOTARY PUBLIC**  
**MARILYN YOUNG**  
1121 E. 3900 So. #C-100  
Salt Lake City, Utah 84124  
My Commission Expires  
March 8, 1997  
**STATE OF UTAH**

My Commission Expires:  
Attest: STATE OF  
COUNTY OF



ASSIGNED PERMIT CHANGE NUMBER





# ECKHOFF, WATSON and PREATOR ENGINEERING

Engineering • Environmental Science • Surveying • Construction Administration

Principals

David W. Eckhoff, PhD, PE  
Kenneth W. Watson, PE, LS  
E. Gregory Thorpe, PE  
Robert L. Siegel, PhD  
James V. Olson, PE

Associates

Frederick C. Duberow, PE  
Thomas W. Johnson, CPA  
Douglas L. Gilmore, PE  
Karen K. Nichols, PE  
Robert Q. Elder, PE

July 17, 1995

Danny Mattingly  
SCA General Manager  
PO Box 10  
East Carbon, UT 84520  
Phone (801) 888-4476  
Fax: (801) 888-2538

RE: SCA Permit Submission in accordance with NOV 93-13-2-1

Dear Danny,

EWP has prepared the enclosed submittal information which addresses 16 of the deficiencies listed in the May 30, 1995 draft Technical Analysis from DOGM. These deficiencies are addressed with the following portions of the permit:

- R645-301-323.400 ✓ See the current version of Plate 3-3 dated September 1994
- R645-301-342.200 *2* See Chapters 9 and 10 and Figures 10-2, 10-3, 10-4 - *Rabbitbrush still in permit*
- R645-301-411 ✓ See the current version of Plate 3-2 and 3-2E dated September 1994
- R645-301-514.312 ✓ See Chapter 5 Section 514
- R645-301-515.300 ✓ See Chapter 5 Section 515.300
- R645-301-724 *2* The Baseline Water Quality Monitoring program was completed in June 1995. Data collected is currently being analyzed. This submittal package includes an interim operational monitoring program (based on DOGM Tech 004) for the baseline sites which will be used until an agreed program can be finalized.
- R645-301-728 ✓ Surface water consumption is discussed in Chapter 7, Section 728 and Figure 7-1.

2  
1  
R645-301-732, 740, 744 Design cross sections for the requested spillways are provided in the diversion table located in the applicable section of Appendix 7-3. Appendix 7-3 G is associated with the East Slurry Cell hydrology was revised in January 1995. These current calculations show that the cell can contain the probable maximum 6 hour storm and therefore a spillway is not required. It appears that the TA did not include a review of the January information.

R645-301-732

✓ The stability analysis for the Coal Pile Sediment Pond is included with this submittal and intended to be added into Appendix 5-1. Other plates requested in the deficiency were submitted in January 1995 but were not reviewed in preparation of the TA.

✓ Additional comments in the TA request individual design calculations for each topsoil stockpile. These individual calculations are included in Appendix 7-7 and were submitted to the Division in September 1994.

R645-301-244

✓ See Chapter 9 Section 9.11.3

R645-301-353.200

See Chapters 9 and 10 and Figures 10-2, 10-3, 10-4

R645-301-724.300

✓ See Chapter 10 Section 10.6.1, Plates 10-5, and Appendix 10-1

R645-301-742.220

2  
✓  
Calculations already included in Appendix 10-1 indicate that, based on the assumptions listed (which includes the soil particle size analysis performed on samples from the reclamation borrow area) all of the ponds which will remain during reclamation can treat the design storms adequately to meet the current UPDES requirement for settleable solids.

The final reclamation plan does include a substantial increase in watershed size directed to the Coarse Refuse Toe Pond. However, the current operational watershed is very small compared to the capacity of this pond.

The Railcut Pond is planned to have an increase in watershed size when compared to current operational size, however, please note that since the Old Coarse Refuse Road was reclaimed a substantial portion of the watershed that previously contributed to the Railcut Pond is now

treated through other methods and structures. The Railcut pond also has adequate capacity to meet the UPDES requirements during reclamation.

SCA has made a commitment to meet all UPDES requirements and recognizes the need to make modifications to sediment ponds (as well as permit modifications) if future conditions do not stay within the current design parameters.

R645-301-800 ✓

Review Appendix 8-2, Bond Estimate Verification. Many comments and deficiencies noted in the TA were based on severely outdated calculations previously included as Figure 8-1. The calculations which were in Figure 8-1 were replaced by Appendix 8-2 in July 1994. It is not possible to make complete and adequate revisions to the current bond calculations until they are reviewed by DOGM.

R645-302-320 ✓

See Appendix 7-9 Figure 1

Administrative Findings ✓

Reclamation Fees on Page 2 & 3 of the TA requests that a copy of the July 27, 1994 response by OSM and any subsequent findings by OSM regarding AML fees must be incorporated into the plan. The information requested has already been incorporated into the plan as Appendix 1-1 AML Fee Requirement Correspondence. Please refer to this appendix.

EWP will continue to work towards addressing the other deficiencies listed in the TA.

Sincerely,

  
Scott Carlson  
Engineer

cc: Doug Burnham  
Bob Evans  
Jim O'Donnell  
Tom Eckstein  
Alane Boyd  
Brian Burnett