

Nevada Electric Investment Company  
Wellington Loadout Site

MSHA I.D. # 42-00099

1st Quarter 1997      Coal Refuse Piles - Quarterly Report

Site Name: Wellington Loadout Site

Refuse Pile:

Pile I.D. #:

Pond Refuse Pile

1211-UT-09-00099-05

Plant Refuse Pile

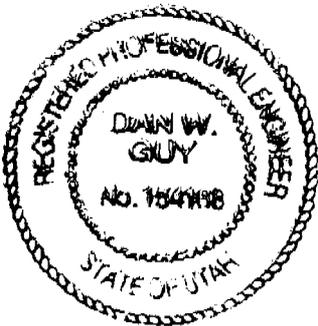
1211-UT-09-00099-01

Water impounding against toe: None

Fires on piles: None

Seepage, cracks, erosion problems or any other comments pertaining to the stability of the pile: Pond Refuse Pile - Erosion on Pond Side and rip-rapped ditch on top.  
Plant Refuse Pile - Wrong Sign. Regrading in progress.

I have performed the above inspection on these refuse piles and do hereby certify it to be a true and accurate representation of the piles at this time.



*Dan W. Guy*  
Dan W. Guy, P.E.

President  
Blackhawk Engineering, Co.

03/26/97  
Date

NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: ROADSIDE POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

- |                                 |  |
|---------------------------------|--|
| (1) Stability                   | <u>Slopes Stable. Incised Pond.</u>            |
| (2) Structural Weakness/Erosion | <u>Hole in topsoil berm. Inlet rip-rapped.</u> |
| (3) Potential Safety Hazards    | <u>None Noted.</u>                             |
| (4) Depth of Impounded Water    | <u>N/A - Dry.</u>                              |
| (5) Existing Storage Capacity   | <u>0.48 acre feet</u>                          |
| (6) Monitoring Procedures       | <u>Quarterly Inspection.</u>                   |

SEDIMENT PONDS ONLY

- |   |                       |
|---|-----------------------|
| (7) Sediment Accumulation (Elev.)             | <u>5336.6</u>         |
| (8) Sediment Cleanout Level (Elev.)           | <u>5337.9</u>         |
| (9) Principle Spillway (Elev.)                | <u>5337.9</u>         |
| (10) Emergency Spillway (Elev.)               | <u>5337.9</u>         |
| (11) Existing Sediment Capacity (To Cleanout) | <u>0.48 acre feet</u> |

GENERAL

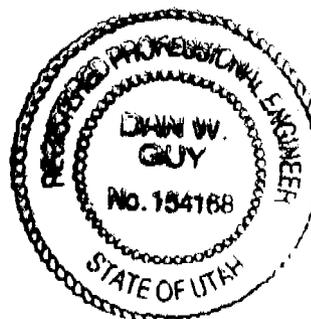
- |                               |   |
|-------------------------------|---|
| (12) Comments/Recommendations | <u>Flows to Auxillary Pond to Dryer Pond.</u> |
|-------------------------------|---|

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: AUXILLARY POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

- (1) Stability Slopes Stable. Incised Pond.
- (2) Structural Weakness/Erosion None Noted.
- (3) Potential Safety Hazards None Noted.
- (4) Depth of Impounded Water Dry-Upper / 2.7' Water / Ice-Lower
- (5) Existing Storage Capacity 0.50 acre feet
- (6) Monitoring Procedures Quarterly Inspection.

SEDIMENT PONDS ONLY

	<u>Upper</u>	<u>Lower</u>
(7) Sediment Accumulation (Elev.)	<u>5338.3</u>	<u>5335.5</u>
(8) Sediment Cleanout Level (Elev.)	<u>5336.6</u>	<u>5336.6</u>
(9) Principle Spillway (Elev.)	<u>5339.8</u>	<u>5339.8</u>
(10) Emergency Spillway (Elev.)	<u>5339.8</u>	<u>5339.8</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>*0.00</u>	<u>N/A</u>

GENERAL

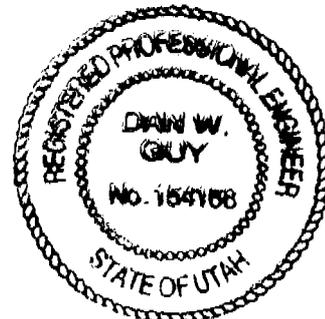
- (12) Comments/Recommendations \*Sediment above Inlet culvert. Should be cleaned or removed.

STATEMENT

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*Don W. Guy*  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: DRYER POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

- |                                 |   |
|---------------------------------|---|
| (1) Stability                   | <u>Slopes Stable. Incised Pond.</u>                 |
| (2) Structural Weakness/Erosion | <u>None Noted. Minor on east bank.<br/>(Inside)</u> |
| (3) Potential Safety Hazards    | <u>None Noted.</u>                                  |
| (4) Depth of Impounded Water    | <u>N/A - Dry.</u>                                   |
| (5) Existing Storage Capacity   | <u>6.51 acre feet</u>                               |
| (6) Monitoring Procedures       | <u>Quarterly Inspection.<br/>U.P.D.E.S.</u>         |

SEDIMENT PONDS ONLY

- |  |                       |
|--|-----------------------|
| (7) Sediment Accumulation (Elev.)                | <u>5328.8</u>         |
| (8) Sediment Cleanout Level (Elev.)              | <u>5330.3</u>         |
| (9) Principle Spillway (Elev.)                   | <u>5336.9</u>         |
| (10) Emergency Spillway (Elev.)                  | <u>5337.9</u>         |
| (11) Existing Sediment Capacity<br>(To Cleanout) | <u>0.92 acre feet</u> |

GENERAL

- |                               |   |
|-------------------------------|---|
| (12) Comments/Recommendations | <u>Expanded in 1994.<br/>Pond - O.K.<br/>Outlets Repaired - 1996.</u> |
|-------------------------------|---|

STATEMENT

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(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: LOADOUT SED. POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable. Mostly Incised.</u>
(2) Structural Weakness/Erosion	<u>None Noted. Minor on NW end and South.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>1.20' Water/Ice.</u>
(5) Existing Storage Capacity	<u>2.15 acre feet</u>
(6) Monitoring Procedures	<u>Quarterly Inspection.</u> <u>U.P.D.E.S.</u>

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	<u>*5335.0</u>
(8) Sediment Cleanout Level (Elev.)	<u>5335.8</u>
(9) Principle Spillway (Elev.)	<u>5338.0</u>
(10) Emergency Spillway (Elev.)	<u>5339.0</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>0.35 acre feet</u>

GENERAL

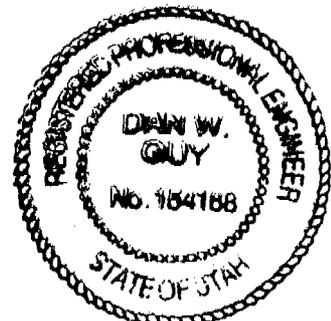
(12) Comments/Recommendations	<u>*Average sediment</u> <u>elevation. Built in 1989.</u> <u>Pond O.K.</u>
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STATEMENT

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*Dan W. Guy*  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: PIPELINE POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

- (1) Stability Slopes Stable. Mostly Incised.
- (2) Structural Weakness/Erosion None Noted.
- (3) Potential Safety Hazards None Noted.
- (4) Depth of Impounded Water N/A - Dry.
- (5) Existing Storage Capacity 1.00 acre feet
- (6) Monitoring Procedures Quarterly Inspection.  
U.P.D.E.S.

SEDIMENT PONDS ONLY

- (7) Sediment Accumulation (Elev.) 5335.0
- (8) Sediment Cleanout Level (Elev.) 5358.0
- (9) Principle Spillway (Elev.) 5362.6
- (10) Emergency Spillway (Elev.) 5362.6
- (11) Existing Sediment Capacity (To Cleanout) 0.29 acre feet

GENERAL

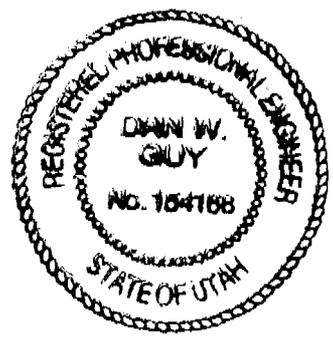
- (12) Comments/Recommendations Pond O.K.  
Vegetated.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

*Dawn W. GUY*  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: UPPER REFUSE POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

- |                                 |  |
|---------------------------------|--|
| (1) Stability                   | <u>Slopes Stable.</u>                                |
| (2) Structural Weakness/Erosion | <u>None Noted.</u>                                   |
| (3) Potential Safety Hazards    | <u>None Noted.</u>                                   |
| (4) Depth of Impounded Water    | <u>N/A - Dry.</u>                                    |
| (5) Existing Storage Capacity   | <u>*102 acre feet</u><br><u>Not a Sediment Pond.</u> |
| (6) Monitoring Procedures       | <u>Weekly Inspection.</u>                            |

SEDIMENT PONDS ONLY

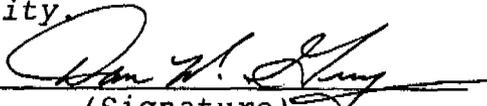
- |  |            |
|--|------------|
| (7) Sediment Accumulation (Elev.)                | <u>N/A</u> |
| (8) Sediment Cleanout Level (Elev.)              | <u>N/A</u> |
| (9) Principle Spillway (Elev.)                   | <u>N/A</u> |
| (10) Emergency Spillway (Elev.)                  | <u>N/A</u> |
| (11) Existing Sediment Capacity<br>(To Cleanout) | <u>N/A</u> |

GENERAL

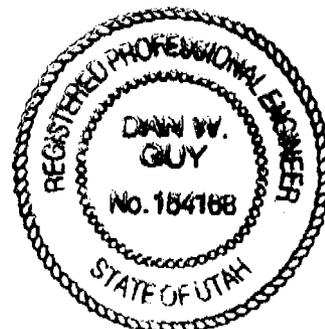
- |                               |   |
|-------------------------------|---|
| (12) Comments/Recommendations | <u>MSHA Pond.</u><br><u>1211-UT-09-00099-04</u><br><u>*Estimated Capacity</u> |
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STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: LOWER REFUSE POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
(2) Structural Weakness/Erosion	<u>None Noted.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>N/A - Dry.</u>
(5) Existing Storage Capacity	<u>763.6 acre feet</u>
(6) Monitoring Procedures	<u>Weekly Inspection.</u>

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	<u>5370.0</u>
(8) Sediment Cleanout Level (Elev.)	<u>5372.0</u>
(9) Principle Spillway (Elev.)	<u>5382.7</u>
(10) Emergency Spillway (Elev.)	<u>5382.7</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>52.32 acre feet</u>

GENERAL

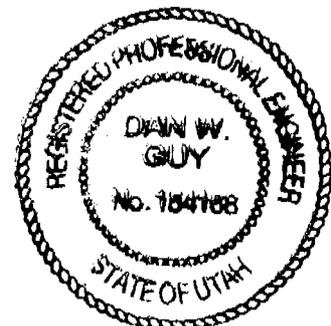
(12) Comments/Recommendations	<u>MSHA Pond.</u>
	<u>1211-UT-09-00099-03</u>

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

*Dan W. Guy*  
(Signature)

12/31/96  
(Date)



NEVADA ELECTRIC INVESTMENT COMPANY

1996 ANNUAL POND INSPECTION REPORT

POND: CLEAR WATER POND

LOCATION: CASTLE VALLEY RESOURCES

IMPOUNDMENTS

(1) Stability	<u>Slopes Stable.</u>
(2) Structural Weakness/Erosion	<u>None Noted.</u>
(3) Potential Safety Hazards	<u>None Noted.</u>
(4) Depth of Impounded Water	<u>N/A - Dry.</u>
(5) Existing Storage Capacity	<u>240.3 acre feet</u> <u>Not a Sediment Pond.</u>
(6) Monitoring Procedures	<u>Weekly Inspection.</u>

SEDIMENT PONDS ONLY

(7) Sediment Accumulation (Elev.)	<u>N/A</u>
(8) Sediment Cleanout Level (Elev.)	<u>N/A</u>
(9) Principle Spillway (Elev.)	<u>N/A</u>
(10) Emergency Spillway (Elev.)	<u>N/A</u>
(11) Existing Sediment Capacity (To Cleanout)	<u>N/A</u>

GENERAL

(12) Comments/Recommendations	<u>MSHA Pond.</u> <u>1211-UT-09-00099-02</u>
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STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

*Dan W. Guy*  
(Signature)

12/31/96  
(Date)

