



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

June 10, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Sharon Falvey, Reclamation Specialist *SFP*

RE: Annual Report, Nevada Electric Investment Company, Wellington Loadout, ACT/007/012, Folder #2, Carbon County, Utah.

## Summary

This memo summarizes the hydrologic data provided in the Wellington Annual report for 1996.

## Analysis

The permittee has indicated that all 1996 quarterly monitoring data are on file at the Division. The data was submitted on a formatted disk. A Smart II file was submitted to the Division. This format cannot be read by the programs available at the Division. However, this information was not required by the Division for the 1996 annual report.

The water quality data submitted to the Division over the previous quarters in 1996 have numerous missing data and reporting errors. The following paragraphs itemize those problems.

No field data sheets were submitted for sample sites collected during the third quarter of 1996. Although data was submitted on spread sheets, some of the values presented are not within the range of data previously observed and need to be checked against the field data set.

Some reported flow values are incorrectly presented on the spread sheets. Some of the flows are actually reported depths or flow velocity and are not the rate of flow. Some of the data have no flow recorded in the submitted information. Where the operator has presented the width and depth of flow and flow velocity, flow velocity (f/s) has been incorporated into the spread sheet rather than the flow rate(cfs). It is good to continue to provide the field data in order

1996 Annual Report  
ACT/007/012  
June 10, 1997  
Page 2

to verify the flow calculations. However, the values entered in the data sheet are incorrect.

Although the operator has met the minimum provisions outlined under the annual report the information provided and on file with the Division is incomplete. It is recommended that the permittee be informed of these discrepancies through a memo or letter and provide clarification of data and missing information such as the third quarter data sheets. Additionally, it is recommended the inspector complete the following when reviewing the data while conducting inspections:

1. Check to see that the field data are available for the quarter.
2. Make sure all flow data is recorded and that the final flow rate is calculated.

## **Findings**

The submittal meets the minimum requirements in response to the annual report as it relates to requested water monitoring information, to the best of this reviewers knowledge. Reporting problems and missing flow data need to be clarified. A letter discussing these issues should be sent to the permittee.

cc: Paul Baker  
O:\007012.WEL\FINAL\WELRPT96.WPD