



Attachment to LER 81-56/03L-1  
Beaver Valley Power Station  
Duquesne Light Company  
Docket No. 50-334

On 6/1/81, the first of several intermittent failures of the Chemical Addition Tank Level Loop Channel I (L-QS-101A) instrumentation occurred. At that time, the cause was unknown and, as a result, a surveillance program to monitor the operation of the loop was begun by the instrumentation department.

Following the failure on 7/10/81, adjustments to the electronic feedback system for the loop transmitter were made. In addition, the loop power supply and comparator were replaced. The loop was returned to service on 7/11/81 with the loop showing the proper level indication in the tank. Monitoring of the loop continued to determine the long range results of these changes.

On 7/21/81, based on this surveillance which indicated continued difficulties within the loop, the loop transmitter was replaced. As this was the last component in the loop which could have contributed to the failures, no further incidents were expected.

As this report is prepared, there have been no additional incidents related to the failure of this instrumentation channel.