

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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Attachment to LER 78-53/01T-1
Beaver Valley Power Stations
Duquesne Light Company
Docket No. 50-334

During a review of SI piping stress calculations an error in the original piping stress analysis for one SI line was discovered. One support on the SI line was modified and one snubber was added. The Duquesne Light Engineering Department continued a review of the architect-engineer findings.

In March 1979, this continued review of the A-E pipe stress computer program revealed that the program provided pipe stress calculations unacceptable to the NRC for certain seismic events. The station was shut down on March 9 for resolution of the pipe stress reanalysis.

All piping systems, which the present regulation require to be seismically analyzed, will be reanalyzed using Nu Pipe-SSI calculational techniques as described in Section 7 of the June 15, 1979 Report.

These NU Pipe-SSI computer analysis will than become the calculations of record for all piping systems which require computer analysis.

All supports for the computer analyzed problems will be evaluated or analyzed to include the requirements of IE Bulletin 79-02 relating to baseplate flexibility and factors of safety for the concrete anchors.

Any modifications to the supports which are determined to be necessary as a result of these evaluations and analysis will be installed during the fall refueling outage.

Any modifications determined to be necessary to limit equipment nozzle and containment penetration loads to within Code allowable values will be installed during this same fall refueling shutdown.

All hydraulic snubbers for which the seismic loading exceeds the allowable load but is included within the one event capability of the snubber will be identified. These snubbers will either be replaced or included in the appropriate technical specification as snubbers which must be tested for operability, subsequent to a seismic event of a magnitude which results in forces greater than the allowable snubber load prior to continuing operation or returning the unit to operation.

All of the above mentioned activities will be completed prior to returning the unit to service after the fall refueling outage.