



LER ATTACHMENT - RO # 2-81-36

Facility: BSEP Unit No. 2

Event Date: 2-25-81

Moisture buildup in the analyzer sample lines caused both of these events. As presently installed, this type CAC monitor utilizes sample piping that tends to allow a moisture buildup in the monitor components and within the line itself. In both events, the monitor oxygen analyzer electromagnetic unit experienced an instrument zero reference shift due to a change in pressure resulting from a moisture buildup in the analyzer piping with the resultant upscale and downscale indications exhibited by the analyzers. The sample lines to these monitor analyzers are presently blown down on a weekly basis to remove any moisture accumulation that could lead to problems affecting the operation of these monitors.

Due to a history of various events resulting from sample flow moisture problems, a plant modification has been developed to replace these type monitors with others of a more reliable design that will utilize a different sample piping design which will help eliminate any moisture buildup problems. The monitors presently in use will be replaced with the others specified in the modification, following their receipt, during the next unit outage of sufficient length as to allow their installation. They are currently scheduled to arrive on site in August 1981.