

Professional Engineer's Certification:

I certify that I have reviewed the design/construction records related to the CCR unit noted below or discussed the construction of such unit with personnel to attest that it was not constructed with a liner meeting the requirements of section 40 CFR 257.71 (a).

Cardinal Operating Company
Cardinal Plant
Bottom Ash Pond

Gary F. Zych

Gary F. Zych, P.E.
American Electric Power Service Corporation
Engineering Services

