

JOHNSON
CONTROLS

Power & Process Piping
Division

U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

July 6, 1982

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Attention: John T. Collins, Regional Administrator
Region IV

Subject: Bulletin #IE-82-01, R-1 and Radiograph
Review at WNP-2 Site, Hanford, WA.

Dear Mr. Collins:

In accordance with the directions in the subject bulletin, Bechtel personnel, at the WNP-2 site, reviewed all of the AP&E furnished radiographs for piping welds one-half inch and less in thickness where exposure was made utilizing an isotope technique. We have been informally advised that this review has turned up seven (7) welds where one or more film have evidence of enhancement. It appears that most of these can be resolved by substituting our copy of the film, which has not been enhanced and does have the required sensitivity, for the enhanced film in the field.

Although this may clear up most of the enhancement problem, it did reveal another area of concern which prompted this letter prior to any formal action at WNP-2.

In the subject bulletin and during the investigation at our facility by your personnel, it was concluded that only one individual had been involved in the problem. Unfortunately, the WNP-2 review has revealed that, in addition to the enhancement performed by _____, _____ was also guilty of the same type of enhancement. _____ has admitted to this violation and has been restricted from performing radiography of film interpretation during the remainder of his employment with this company.

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[] has not been terminated since I felt the main problem was that he was trained on-the-job by [] and obviously obtained some bad direction. The only time [] interpreted film was when [] was on vacation or ill so the involvement was not nearly so great. [] has been working outside the Radiographic Department for the past several months and was not working in radiography during your original investigation.

Due to the enhancement discovery on the WNP-2 Project, I feel that we will need to go back to the next previous contract, which was similar to the WNP-2 and 3 projects, SMUD, which closed out in early 1973 and review that film for enhancement possibility since thin wall isotope techniques were quite extensive on that contract. I will be contacting the Sacramento Municipal Utility District personnel to either have the radiographs returned to us for review or arrange to review them on location. By a copy of this letter I am advising the Region V office of my actions.

I will keep you advised of the status of our review and the results when complete.

Please advise me immediately of any further information you might need or if there is any further action I need to take.

Very truly yours,

ASSOCIATED PIPING & ENGINEERING CORP.



R.L. Jordan

Quality Assurance Manager

RLJ:sb