

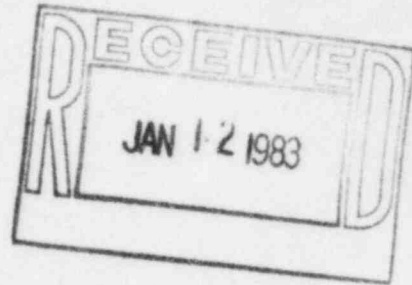


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January 4, 1983

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Mr. W. C. Seidle, Chief  
Reactor Project Branch #2  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011



SUBJECT: Arkansas Nuclear One - Units 1 & 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
Response to Inspection Reports  
313/82-21 and 368/82-18

Gentlemen:

In the inspection reports for inspection 50-313/82-21 and 50-368/82-18 there were no violations or deviations. However, in the cover letter to those reports (ØCAN1182Ø1) you expressed concern about the open items. As a result of this concern, you requested the dates by which these items would be closed. Attached are these items and the appropriate responses.

Very truly yours,

John R. Marshall  
Manager, Licensing

JRM:MS;sc

Attachment

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Q PDR

## ATTACHMENT

In the cover letter transmitting Inspection Reports 313/82-21 and 368/82-18, NRC requested that AP&L submit a written response which provides the dates whereby Open Items (313/8020-04 and 368/8020-04), (368/8122-01), (368/8122-02), (368/8122-03), (313/8221-01 and 368/8218-01), and (313/8221-02 and 368/8218-02) would be closed. The requested response follows:

1. "(Open) Significant Weakness (313/8020-04 and 368/8020-04): Health Physics Shift Coverage - This item was discussed in NRC Health Physics Appraisal Report 50-313/80-20 and 50-368/80-20 and involved the use of health physics technicians not ANSI N18.1 qualified on off-shifts. The licensee had committed to provide ANSI N18.1 qualified health physics technicians on the off-shifts by July 1, 1982, as required in NUREG-0654, Table B-1 'Minimum Staffing Requirements for NRC Licensees for Nuclear Power Plant Emergencies.' The Licensee has requested that this commitment be delayed until after the new union contract has been ratified in August 1982. This item is considered open pending implementation of this commitment."

### RESPONSE

ANO Health Physics technicians who are ANSI N18.1 qualified began shift coverage on August 30, 1982.

2. "(Open) Open Item (368/8122-01) - Health Physics Training: This item was discussed in NRC Inspection Report 50-313/81-23 and 50-368/81-22 and involves the lack of written training programs which included defined goals, objectives, schedules and a method to evaluate the effectiveness of training. A written training program detailing the initial training and retraining for the Health Physics staff had not been completed. This item is considered open pending approval of Procedure 1063.14. See paragraph 6 for details."

### RESPONSE

Procedure 1063.14, Health Physics Training Sequences, has been revised, effective December 16, 1982, to specify Health Physics retraining requirements and frequencies.

3. "(Open) Open Item (368/8122-02) - Job Descriptions: This item was discussed in NRC Inspection Report 50-313/81-23 and 50-368/81-22 and involves the lack of job descriptions for members of the Health Physics Department, other than the Health Physics Superintendent. The licensee had developed a position description for Health Physics Supervisors, Job Number 0334, but no formal position description had been developed for Health Physics Technicians. A "Generic Description Offered by Supervisor" had been prepared but was deficient on information pertaining to: knowledge and skills required; scope and impact of position responsibilities; and minimum qualifications. This item is considered open pending completion of a job description for Health Physics Technicians."

#### RESPONSE

A position task analysis has been performed and a job description developed. Hiring guidelines have been established (Confidential Memo dated September 15, 1981) delineating minimum qualification for hiring into the various Health Physics classifications. Advance in grade is covered by the IBEW contract.

4. "(Open) Open Item (368/8122-03) - Instrument Calibration: This item was discussed in NRC Inspection Report 50-313/81-23 and 50-368/81-22 and involved the lack of establishing full range calibrations for the whole body counter, neutron, and beta survey meters. The licensee has initiated a program for full range calibration of the neutron survey meters. However, similar programs had not been established for the whole body counter for beta survey meters. This item is considered open pending completion of the program."

#### RESPONSE

Sources were received in November to perform full range calibration of the whole body counter. Procedure 1632.011, Operation and Calibration of the Helgeson Whole Body Counter, will be revised to include full range calibration criteria. Anticipated completion is March 1, 1983.

Isotopic sources needed to perform the full range calibration of beta survey meters have not been located at this time. Efforts to obtain these sources and to develop full range calibration procedures will continue.

5. "(Open) Open Item (313/8221-01 and 368/8218-01) - Surveys: The Licensee has not fully implemented the air sample survey form or beta radiation surveys."

#### RESPONSE

Procedure 1622.006, Radiological Air Sampling Program, has been revised to require that Health Physics Technicians identify airborne radioactivity surveys that represent breathing zone sampling on the Air Activity Data Sheet, Form 1622.006A. Procedure 1622.007, ALARA Job Coverage Practices, has been revised, effective November 20, 1982, to specify additional beta survey requirements.

6. "(Open) Open Item (313/8221-02 and 368/8218-02) - Radiation Protection Instrument Control: The licensee needs to designate an individual responsible for the control of storage, issue, and return of health physics instruments during the off-shift."

#### RESPONSE

Health Physics Technicians were assigned to shift work beginning August 30, 1982. Their responsibilities include the control of storage, issue, and return of health physics instruments during the off-shift.