

APPENDIX A

Wasington Public Power Supply System
P. O. Box 968
Richland, Washington 99352

Construction Permit No. CPPR-93

Notice of Violation

Based on the results of NRC inspections conducted between February 27 and March 16, 1979, it appears that certain of your activities were not conducted in full compliance with conditions of your NRC Facility License No. CPPR-93 as indicated below.

- A. 10 CFR 50, Appendix B, Criterion V, states, in part, that "Activities affecting quality...shall be accomplished in accordance with these instructions, procedures or drawings...."

Paragraph D.2.5 of the WPPSS Quality Assurance Program documented in the PSAR states, in part, that, "...all project contractors for the nuclear related portions of the plant will be required to have a Quality Assurance Program...The program shall include the following items as...applicable to the...construction for which the contractor is responsible." Paragraph D.2.5.5, which follows, states, in part, that, "Activity affecting quality...shall be accomplished in accordance with...procedures...."

1. Work Procedure SP-2005-H2, Rev. 2, of the Johnson Controls Inc., a site contractor, states, in part, that, "All pipe and tube endings will be capped or otherwise closed at the end of each day."

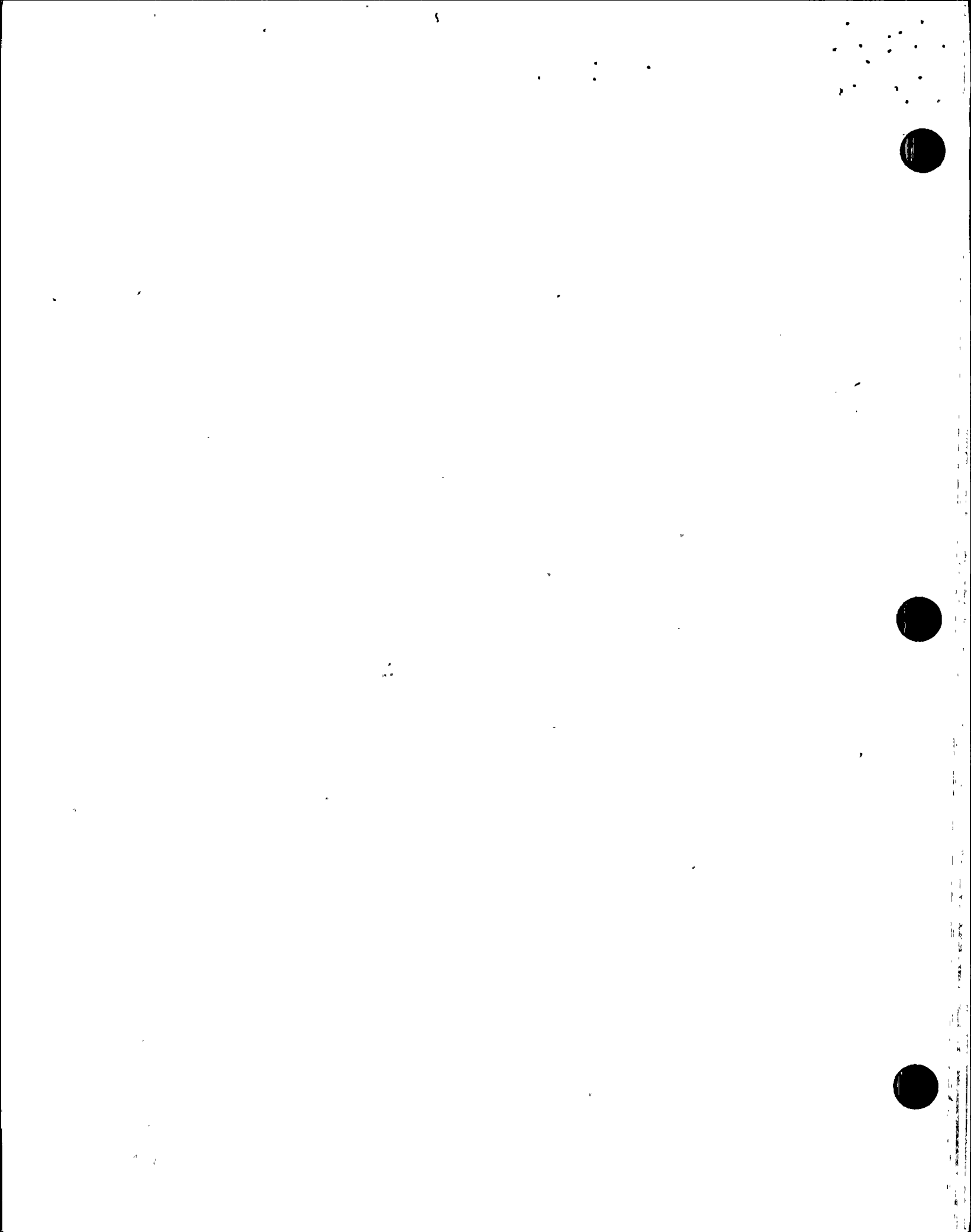
Contrary to the above, on February 27 and March 1, 1979, the process instrument pipe no. 220-3.0-X-44e, and nine other ports off of reactor vessel nozzle no. N9A were found to be open, exposing the internals of the reactor vessel.

This is an infraction.

2. Exide Company installation instructions for battery racks, entitled "Instructions for Assembling Seismic Restraint Racks for Exide Batteries," requires battery cells to be provided with a snug fit in the racks using plastic spacers in order to meet seismic loading requirements.

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Contrary to the above, on February 28, 1979, the plastic spacers installed between cells of batteries B1-1, B1-2 and B2-1 did not fit snugly between the cells, allowing the cells to move both laterally and vertically. Additionally, no shims were installed between the rack uprights and rails for batteries B1-1, B1-2 and B2-1 resulting in about 25 cells of B1-1 and about 10 cells of B1-2 having a gap between cell and rail of about 1/8" to 1/4". These installations were performed and accepted by the Fischbach/Lord Company, a site contractor.

This is an infraction.

- B. 10 CFR Part 50, Appendix B, Criterion X, states, in part, that, "A program for inspection of activities affecting quality shall be established and executed...to verify conformance with documented instructions, procedures, and drawings...."

Paragraph D.2.5.10 of the Quality Assurance Program, as documented in the PSAR, states, in part, that, "A program for inspection of activities affecting quality shall be established and executed...to verify conformance to documented instructions, procedures, and drawings...."

Contrary to the above, prior to March 1, 1979, the Johnson Controls Inc., a site contractor, did not perform inspections of pipe material preheat temperature prior to welding as established by the weld data sheets for work packages of the 220-3-X-44B series.

This is an infraction.

- C. 10 CFR Part 50, Appendix B, Criterion XIV, states, in part, that, "Measures shall be established to indicate, by the use of markings such as stamps, tags, labels, routing cards, or other suitable means the status of inspections...performed upon individual items of the nuclear power plant...."

Paragraph D.2.5.14 of the Quality Assurance Program, as documented in the PSAR, states, in part, that, "Measures shall be established and documented by the contractor to identify inspection...status. Such measures shall provide means for assuring that required inspections...are performed and that the acceptability of items with regard to inspections...performed is known throughout manufacturing, installation, and operation...."

Contrary to the above, as of February 28, 1979, Johnson Controls Inc., a site contractor, performed inspections of instrumentation piping welds shown on drawings 220-3.0-X-44Bc, -44Bf, and -44Bk without documenting the acceptability of the inspections. In addition, instrumentation piping welds shown on drawings 220-3.0-X-44Ba, -44Bb, -44Bd, and -44Be were completed on February 27, 1979, without documenting inspection results until the following day.

This is a deficiency.

- D. 10 CFR Part 50, Appendix B, Criterion VIII, states, in part, that, "Measures shall be established for the identification and control of materials, parts, and components..." and "These identification and control measures shall be designed to prevent the use of incorrect...components."

Paragraph D.2.8.8 of the Quality Assurance Program, as documented in the PSAR, states, in part, that, "A system of tags and stamps will be employed to provide identification as to the quality status of materials, parts, and components...."

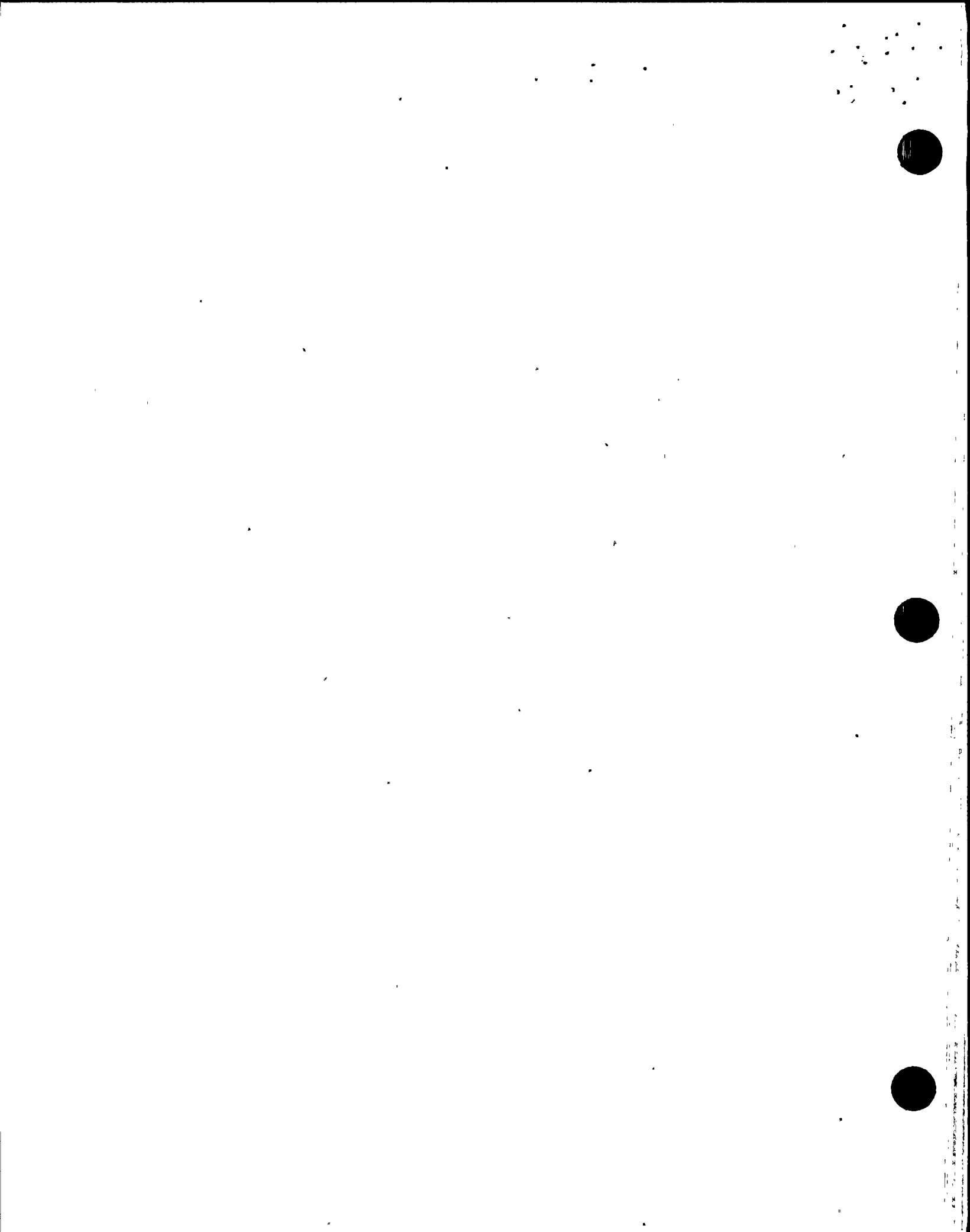
Contract specification no. 2808-48 (regarding purchase of 480 volt Class I and Class II switchgear) requires, in Paragraph 3.4.2, that breakers be positively identified as to Quality Class I or Class II.

Contrary to the above, as of March 1, 1979, 480 volt breakers installed in Quality Class I switchgear (Nos. SL-71, SL-73, SL-81, and SL-83) were not identified as to quality class.

This is a deficiency.

- E. 10 CFR 50, Appendix B, Criterion V, states, in part, that, "Activities affecting quality...shall be accomplished in accordance with these instructions, procedures or drawings...."

Paragraph D.2.5 of the Quality Assurance Program documented in the PSAR states, in part, that, "...all project contractors for the nuclear related portions of the plant will be required to have a Quality Assurance Program...The program shall include the following items as...applicable to the...construction for which the contractor is responsible." Paragraph D.2.5.5, which follows, states, in part, that, "Activities affecting quality...shall be accomplished in accordance with...drawings...."



The PSAR, Paragraph 8.8.4.2, states that, "...each cable assigned a segregation code has a colored tag...identifying the segregation code." Fischbach/Lord Procedure No. QAP 404.1 (Inspection of Insulated Cable Installation), specifies that the cable tag background color be red for division 3 cables and orange for division 2 cables.

Contrary to the above, as of February 27, 1979, the color coded tags for Division 3 cables 3HPCS-0381-C-DIV3, 3HPCS-0091-C-DIV3, 3HPCS-0257-C-DIV3, 3HPCS-0258-C-DIV3, and 3HPCS-0259-C-DIV3 installed by Fishbach/Lord Company, a site contractor, were orange in color.

This is a deficiency.

