

**ATTACHMENT 1**

**LIMERICK GENERATING STATION**

**UNITS 1 AND 2**

Docket Nos.

50-352

50-353

License Nos.

NPF-39

NPF-85

Technical Specifications Change Request

No. 95-14-0

"Adoption of Performance Based, 10 CFR 50,  
Appendix J, Option B Testing"

**TS Page Supplement**

Unit 1

3/4 6-2

3/4 6-4

Unit 2

3/4 6-2

3/4 6-4

## CONTAINMENT SYSTEMS

### PRIMARY CONTAINMENT LEAKAGE

#### LIMITING CONDITION FOR OPERATION

3.6.1.2 Primary containment leakage rates shall be limited to:

- a. An overall integrated leakage rate <sup>(Type A Test)</sup> ~~of less than or equal to  $L_a$ , 0.500 percent by weight of the containment air per 24 hours at  $P_a$ , 44.0 psig.~~ in accordance with the Primary Containment Leakage Rate Testing Program.
- b. A combined leakage rate ~~of less than or equal to  $0.60 L_a$~~  for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves\* and valves which are hydrostatically tested per Table 3.6.3-1, subject to Type B and C tests. ~~when pressurized to  $P_a$ , 44.0 psig.~~
- c. \*Less than or equal to 100 scf per hour through any one main steam isolation valve not to exceed 200 scf per hour for all four main steam lines, when tested at  $P_t$ , 22.0 psig.
- d. A combined leakage rate of less than or equal to 1 gpm times the total number of containment isolation valves in hydrostatically tested lines which penetrate the primary containment, when tested at 1.10  $P_a$ , 48.4 psig.

APPLICABILITY: When PRIMARY CONTAINMENT INTEGRITY is required per Specification 3.6.1.1.

#### ACTION:

With:

- a. The measured overall integrated primary containment leakage rate <sup>(Type A Test)</sup> ~~exceeding  $0.75 L_a$ , or  $A$~~  the leakage rate specified in the Primary Containment Leakage Rate Testing Program, or
- b. The measured combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves\* and valves which are hydrostatically tested per Table 3.6.3-1, subject to Type B and C tests ~~exceeding  $0.60 L_a$ , or  $A$~~
- c. The measured leakage rate exceeding 100 scf per hour through any one main steam isolation valve, or exceeding 200 scf per hour for all four main steam lines, or
- d. The measured combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment exceeding 1 gpm times the total number of such valves,

restore:

- a. The overall integrated leakage rate(s) <sup>(Type A Test)</sup> ~~to less than or equal to  $0.75 L_a$ , and the Primary Containment Leakage Rate Testing Program, and~~ to be in accordance with

\*Exemption to Appendix J of 10 CFR Part 50.

FEB 12 1996

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

- d. Type B and C tests shall be conducted with gas at  $P_a$ , 44.0 psig\*, at a frequency in accordance with 10 CFR 50, Appendix J, as modified by approved exemptions, except for tests involving:
1. Air locks,
  2. Main steam line isolation valves,
  3. Containment isolation valves in hydrostatically tested lines which penetrate the primary containment, and
- e. Air locks shall be tested and demonstrated OPERABLE per Surveillance Requirement 4.6.1.3.
- f. Main steam line isolation valves shall be leak tested at a frequency in accordance with 10 CFR 50, Appendix J, as modified by approved exemptions.
- g. Containment isolation valves in hydrostatically tested lines which penetrate the primary containment shall be leak tested at least once per 24 months, not to exceed the requirements of 10 CFR 50, Appendix J.
- h. The provisions of Specification 4.0.2 are not applicable to Specifications 4.6.1.2a., 4.6.1.2b., 4.6.1.2c., 4.6.1.2d., 4.6.1.2e., and 4.6.1.2f.

4.6.1.2 The primary containment leakage rates shall be demonstrated to be in accordance with the Primary Containment Leakage Rate Testing Program, or approved exemptions, for the following:

- a. Type A Test
- b. Type B and C Tests (including air locks)
- c. Main Steam line Isolation Valves
- d. Hydrostatically tested Containment Isolation Valves

~~\*Unless a hydrostatic test is required per Table 3.6.3-1.~~

## CONTAINMENT SYSTEMS

### PRIMARY CONTAINMENT LEAKAGE

#### LIMITING CONDITION FOR OPERATION

3.6.1.2 Primary containment leakage rates shall be limited to:

- a. An overall integrated leakage rate <sup>(Type A Test)</sup> of less than or equal to  ~~$L_a$ , 0.500 percent by weight of the containment air per 24 hours at  $P_a$ , 44.0 psig.~~ *in accordance with the Primary Containment Leakage Rate Testing Program.*
- b. A combined leakage rate of less than or equal to  ~~$0.60 L_a$~~  for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves\* and valves which are hydrostatically tested per Table 3.6.3-1, subject to Type B and C tests, ~~when pressurized to  $P_a$ , 44.0 psig.~~
- c. \*Less than or equal to 100 scf per hour through any one main steam isolation valve not to exceed 200 scf per hour for all four main steam lines, when tested at  $P_t$ , 22.0 psig.
- d. A combined leakage rate of less than or equal to 1 gpm times the total number of containment isolation valves in hydrostatically tested lines which penetrate the primary containment, when tested at  $1.10 P_a$ , 48.4 psig.

APPLICABILITY: When PRIMARY CONTAINMENT INTEGRITY is required per Specification 3.6.1.1.

#### ACTION:

With:

- a. The measured overall integrated primary containment leakage rate (Type A Test) exceeding  ~~$0.75 L_a$~~ , *or the leakage rate specified in the Primary Containment Leakage Rate Testing Program, or*
- b. The measured combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves\* and valves which are hydrostatically tested per Table 3.6.3-1, subject to Type B and C tests exceeding  ~~$0.60 L_a$~~ , *or*
- c. The measured leakage rate exceeding 100 scf per hour through any one main steam isolation valve, or exceeding 200 scf per hour for all four main steam lines, or
- d. The measured combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment exceeding 1 gpm times the total number of such valves,

restore:

- a. The overall integrated leakage rate(s) <sup>(Type A Test)</sup> ~~to less than or equal to  $0.75 L_a$~~ , *and the Primary Containment Leakage Rate Testing Program, and*

\*Exemption to Appendix J of 10 CFR Part 50.

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

- d. Type B and C tests shall be conducted with gas at  $P_s$ , 44.0 psig\*, at a frequency in accordance with 10 CFR 50, Appendix J, as modified by approved exemptions, except for tests involving:
1. Air locks,
  2. Main steam line isolation valves,
  3. Containment isolation valves in hydrostatically tested lines which penetrate the primary containment, and
- e. Air locks shall be tested and demonstrated OPERABLE per Surveillance Requirement 4.6.1.3.
- f. Main steam line isolation valves shall be leak tested at a frequency in accordance with 10 CFR 50, Appendix J, as modified by approved exemptions.
- g. Containment isolation valves in hydrostatically tested lines which penetrate the primary containment shall be leak tested at least once per 24 months, not to exceed the requirements of 10CFR50, Appendix J.
- h. The provisions of Specification 4.0.2 are not applicable to Specifications 4.6.1.2a., 4.6.1.2b., 4.6.1.2c., 4.6.1.2d., 4.6.1.2e., and 4.6.1.2f.

4.6.1.2 The primary containment leakage rates shall be demonstrated to be in accordance with the Primary Containment Leakage Rate Testing Program, or approved exemptions, for the following:

- a. TYPE A Test
- b. TYPE B and C Tests (including air locks)
- c. Main Steam Line Isolation Valves
- d. Hydrostatically tested Containment Isolation Valves.

\*Unless a hydrostatic test is required per Table 3.6.3-1.