

TABLE 3.6-2 (Continued)
CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>MAXIMUM ISOLATION TIME (SEC)</u>
1. Phase "A" Isolation (continued)		
NI-96B	Test HDR Outside Containment Isolation	<10
NI-120B	Safety Injection Pump to Accumulator Fill Line Isolation	<10
NI-255B	UHI Check Valve Test Line Isolation	<10
NI-258A	UHI Check Valve Test Line Isolation	<10
NI-264B	UHI Check Valve Test Line Isolation	<10
NI-266A	UHI Check Valve Test Line Isolation	<10
NI-267A	UHI Check Valve Test Line Isolation	<10
NM-3A	Pressurizer Liquid Sample Line Inside Containment Isolation	<15
NM-6A	Pressurizer Steam Sample Line Inside Containment Isolation	<15
NM-7B	Pressurizer Sample Header Outside Containment Isolation	<15
NM-22A	NC Hot Leg #1 Sample Line Inside Containment Isolation	<15
NM-25A	NC Hot Leg #4 Sample Line Inside Containment Isolation	<15
NM-26B	NC Hot Legs Sample Hdr. Outside Containment Isolation	<15
NM-72B	NI Accumulator A Sample Line Inside Containment Isolation	<15
NM-75B	NI Accumulator B Sample Line Inside Containment Isolation	<15
NM-78B	NI Accumulator C Sample Line Inside Containment Isolation	<15
NM-81B	NI Accumulator D Sample Line Inside Containment Isolation	<15
NM-82A	NI Accumulator Sample Hdr. Outside Containment Isolation	<15
NM-187A#	SG A Upper Shell Sample Containment Isolation Inside	<15
NM-190A#	SG A Blowdown Line Sample Containment Isolation Inside	<15
NM-191B#	SG A Sample Hdr. Containment Isolation Outside	<15
NM-197B#	SG B Upper Shell Sample Containment Isolation Inside	<15
NM-200B#	SG B Blowdown Line Sample Containment Isolation Inside	<15
NM-201A#	SG B Sample Hdr. Containment Isolation Inside	<15
NM-207A#	SG C Upper Shell Sample Containment Isolation Inside	<15
NM-210A#	SG C Blowdown Line Sample Containment Isolation Inside	<15
NM-211B#	SG C Sample Hdr. Containment Isolation Outside	<15
NM-217B#	SG D Upper Shell Sample Containment Isolation Inside	<15
NM-220B#	SG D Blowdown Line Sample Containment Isolation Inside	<15

Attachment II

Justification and Safety Analysis

This proposed change concerns the deletion of isolation valve NI-122B from Table 3.6-2 of the McGuire Technical Specifications. At present this valve is subject to operability requirements (T.S. 3.6.3) and surveillance requirements (T.S. 4.6.3).

Technical Specification 3.6.3 requires that valves listed in Table 3.6-2 be operable with isolation times which are specified in Table 3.6-2. Duke Power Company has determined that valves 1NI-122B and 2NI-122B do not require a containment isolation signal (ST) and therefore should be deleted from Table 3.6-2.

The containment isolation systems are designed to provide the means of isolating fluid systems that pass through penetrations so as to prevent leakage of radioactivity from the containment following a design basis accident. Valve NI-122B is located on a 3/4" line which branches off the 4" Nuclear Safety Injection System (NI) lines as shown in Figures 1 and 2. The 4" NI lines provide safety injection flow to the Reactor Coolant System hot legs, and would be under high pressure following an accident. NI-122B is in a Safety Injection System check valve test header line. This valve is normally closed and would be open only during a plant shutdown. Present administrative controls require verification of all NI valve positions prior to unit startup. If NI-122B was open in an accident situation, the high pressure in the 4"-NI lines would prevent leakage of radioactivity from the containment to the auxiliary building.

Since valve NI-122B does not require an isolation signal (ST), a station modification would eliminate the automatic closure feature for valve NI-122B. The signal is not required for valve NI-122B as it is normally closed during plant operation and controlled administratively. The modification to remove the containment isolation signal (ST) from valves 1NI-122B (Unit 1) and 2NI-122B (Unit 2) will be initiated upon NRC granting the proposed amendment of the Technical Specifications. The proposed changes would eliminate unnecessary surveillance and testing on valves NI-122B and reduce time in Containment thereby reducing personnel exposure.

Attachment III

Analysis of Significant Hazards Consideration

Pursuant to the requirements of 10CFR50.91, the following analysis provides a determination that the proposed changes of the Technical Specifications, Table 3.6-2 do not include any significant hazards consideration, as defined by 10CFR50.92.

The Technical Specification change to delete valve NI-122B from the Table 3.6-2, and the modification to remove the containment isolation signal (S_T) from NI-122B, is being proposed as this valve does not require a containment isolation signal (S_T). Valve NI-122B is normally closed during operation and removal of containment isolation signal (S_T) to a valve normally closed during operation does not adversely affect safety. At other times the valve line is full of high pressure safety injection water and would not provide a path for radioactivity releases. The opening and closing of the valve is administratively controlled. The inclusion of an S_T signal on this valve was inadvertent.

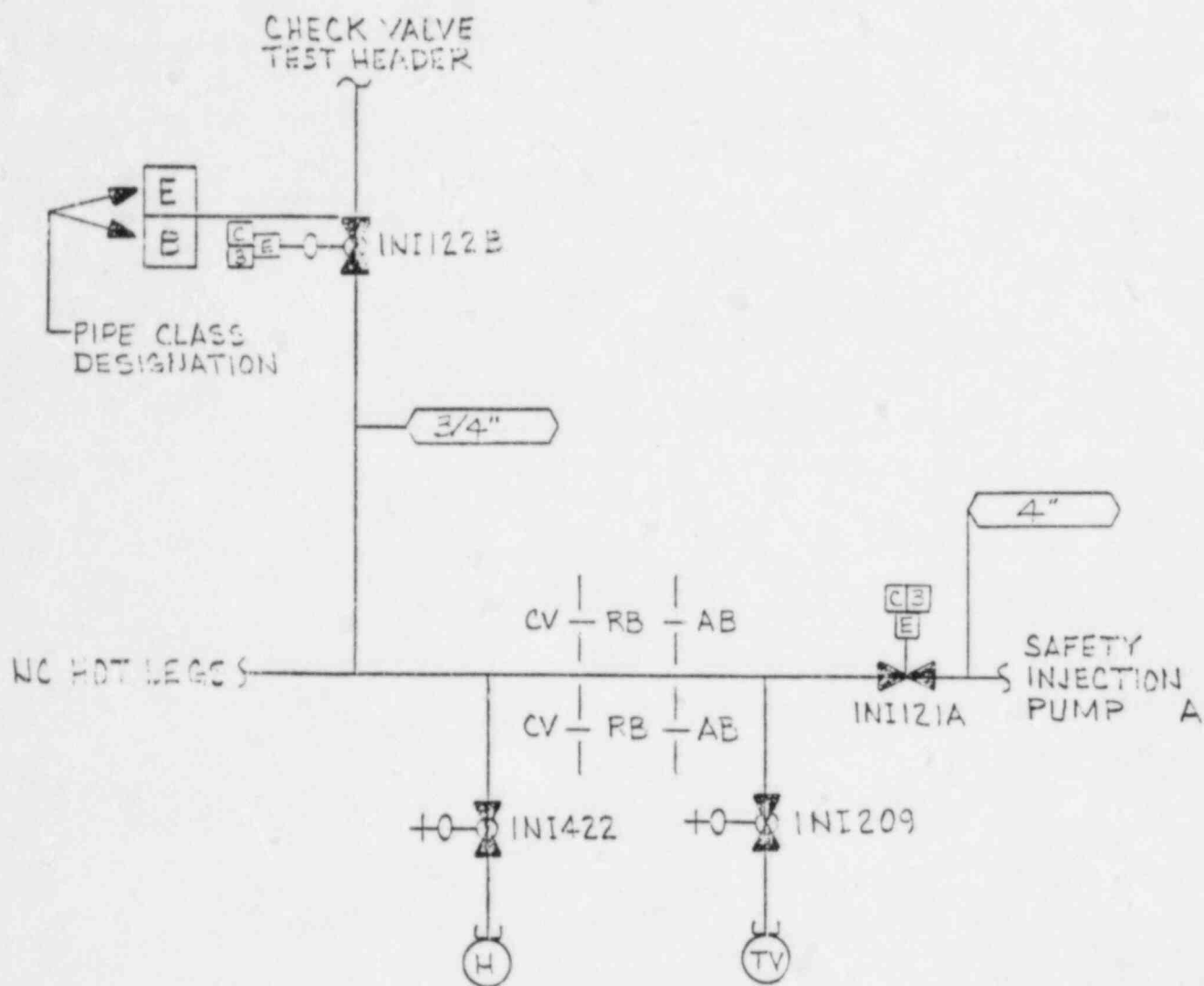
The proposed amendments would not:

- 1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or
- 2) Create the possibility of a new or different kind of accident from any accident previously evaluated; or
- 3) Involve a significant reduction in a margin of safety.

Based upon the preceding analysis, Duke Power Company concludes that the proposed amendments do not involve a significant hazards consideration.

Figure 1

(Typical for Units 1 and 2)



Phase A Signal Deletion from INI122B

(1 of 2)



