

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.3.7.1</p> <p style="text-align: center;"><u>NOTE</u></p> <p>When an ESAS automatic actuation logic matrix is placed in an inoperable status solely for performance of this Surveillance, entry into associated Conditions and Required Actions may be delayed for up to 8 hours, provided the associated ES function is maintained.</p> <p>Perform automatic actuation logic CHANNEL FUNCTIONAL TEST.</p>	<p>31 days on a STAGGERED TEST BASIS</p>

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SR 3.3.7.1	Perform automatic actuation logic CHANNEL FUNCTIONAL TEST.	31 days on a STAGGERED TEST BASIS

BASES

ACTIONS
(continued)

A.1 and A.2

With one or more automatic actuation logic matrices inoperable, the associated component(s) should be placed in the ES configuration. This manual Action essentially fulfills the safety function of the automatic actuation logic. In some circumstances, placing the component in its ES configuration would impose an undue operational restriction. In these cases, Required Action A.2 allows for the component status be left as-is, and the supported system component declared inoperable. Conditions which would potentially preclude placing of a component in its ES configuration include, but are not limited to, violation of system separation, activation of fluid systems that could lead to thermal shock, or isolation of fluid systems that are normally functioning. The 1 hour Completion Time is based on operating experience and reflects the urgency associated with the inoperability of a safety system component.

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SR 3.3.7.1

SR 3.3.7.1 is the performance of a CHANNEL FUNCTIONAL TEST on a 31 day STAGGERED TEST BASIS. The CHANNEL FUNCTIONAL TEST of the Automatic Actuation Logic need only demonstrate one combination of the three two-out-of-three logic combinations that are required to be OPERABLE. A different combination is tested at each test interval, such that all three combinations will be confirmed to be OPERABLE by the time the third successive test is completed. The Frequency is based on operating experience that demonstrates the low likelihood of more than one channel failing within the same 31 day interval.

~~A Note has been added to indicate entry into the Required Actions of this Specification may be deferred for up to 8 hours for a channel inoperable for Surveillance testing provided the remaining two ESAS channels are capable of performing the associated ES Function. This allowance considers the average time required to perform the SR and is based on the inability to perform the Surveillance in the time permitted by the Required Actions or the undesirability of performing those ACTIONS.~~

(continued)

BASES

ACTIONS
(continued)

A.1 and A.2

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