

From: "Reene' V Gambrell" <rvgambre@duke-energy.com>
To: OWFN_DO.owf4_po(DEL)
Date: Mon, Feb 22, 1999 4:02 PM
Subject: Containment Hatch Amendment

The following is a brief description of the temporary coverplate that is installed in the Emergency Personnel Hatch during unit outages:

During refueling and in some cases forced outages at Oconee Nuclear, it is necessary to route cables and hoses from inside containment to outside containment. These cables are needed to carry data (such as eddy current test data), communications (audio, video), controls (of robotic manipulators), from inside containment to outside, and these hoses are needed for utilities (air, water) to support activities inside containment. The Emergency Personnel Hatch access to containment is used as the routing path for these.

To maintain containment closure for fuel handling operations, a "temporary coverplate" is installed over the Emergency Personnel Hatch inner door opening. This allows the inner door to be swung to the full-open position. The outer hatch door is also open and remains so during the course of the outage.

The coverplate, an ~36-inch diameter, 1-inch thick aluminum plate is bolted against the inner hatch door opening. Positive sealing of the coverplate at the hatch opening is accomplished typically by the use of RTV sealants. The 36-inch dia. plate has multiple "holes" through it, of various diameters. These holes have pipes or "sleeves" (of varying lengths) inserted through them and welded in place.

These sleeves provide the conduits to route cables from outside to inside containment. Hoses (supplying water or air) are either routed through the sleeves or connected to the sleeves on each side of the coverplate. Cables and hoses routed through the sleeves are sealed by methods such as "potting" with hard-setting epoxies or by foaming with RTV (fire barrier material).

After installation and sealing, a surveillance is established to monitor the condition of the coverplate seals.

A drawing of the cover plate has been faxed to you.

If you have any other questions, call me at extension 3364 or send me a lotus note.

THANKS!

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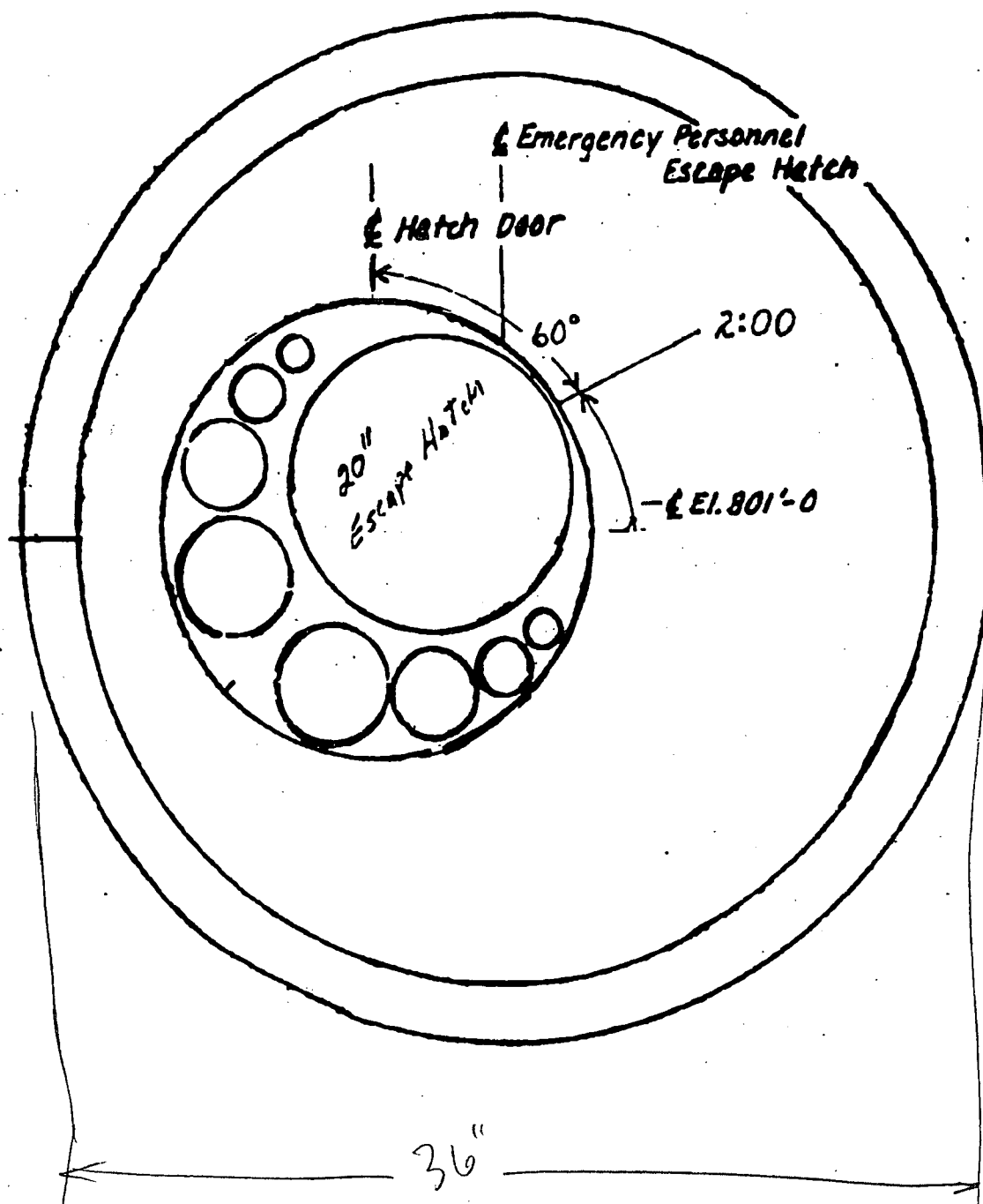
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Enclosure 13.3

Emergency Hatch With
Temporary Cover Installed

MP/0/A/1400/032

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