Nuclear Grade Air Trap (NGAT™)

In order to ensure safe and reliable operations, U.S. nuclear plants must manage gas accumulation in safety-related fluid systems.

To address this need, AREVA is now bringing the nuclear industry, through an exclusive agreement, NUCCORP Inc.'s Nuclear Grade Air Trap (NGAT™), the safest and most effective way to manage gas accumulation. NGAT is the only complete solution that allows you to effectively verify, measure, and eliminate gas in station systems.

Increased Safety

The winner of the 2012 Vendor Top Industry Practice (TIP) award, the NGAT offers the industry increased safety benefits. The NGAT eliminates the need for labor and time-intensive Ultrasonic Testing (UT) inspections, which promotes ALARA principles.

In addition, the NGAT defines when Emergency Core Cooling Systems are full for technical specification compliance on a full-time continuous basis rather than periodically, enhancing nuclear safety and allowing for literal compliance. It eliminates the need for periodic, random venting by providing a continuous indication of air/gas.

The passive and simple design requires no electricity. Built under NUCCORP's ASME NQA-1 program, each design and unit has the highest quality.

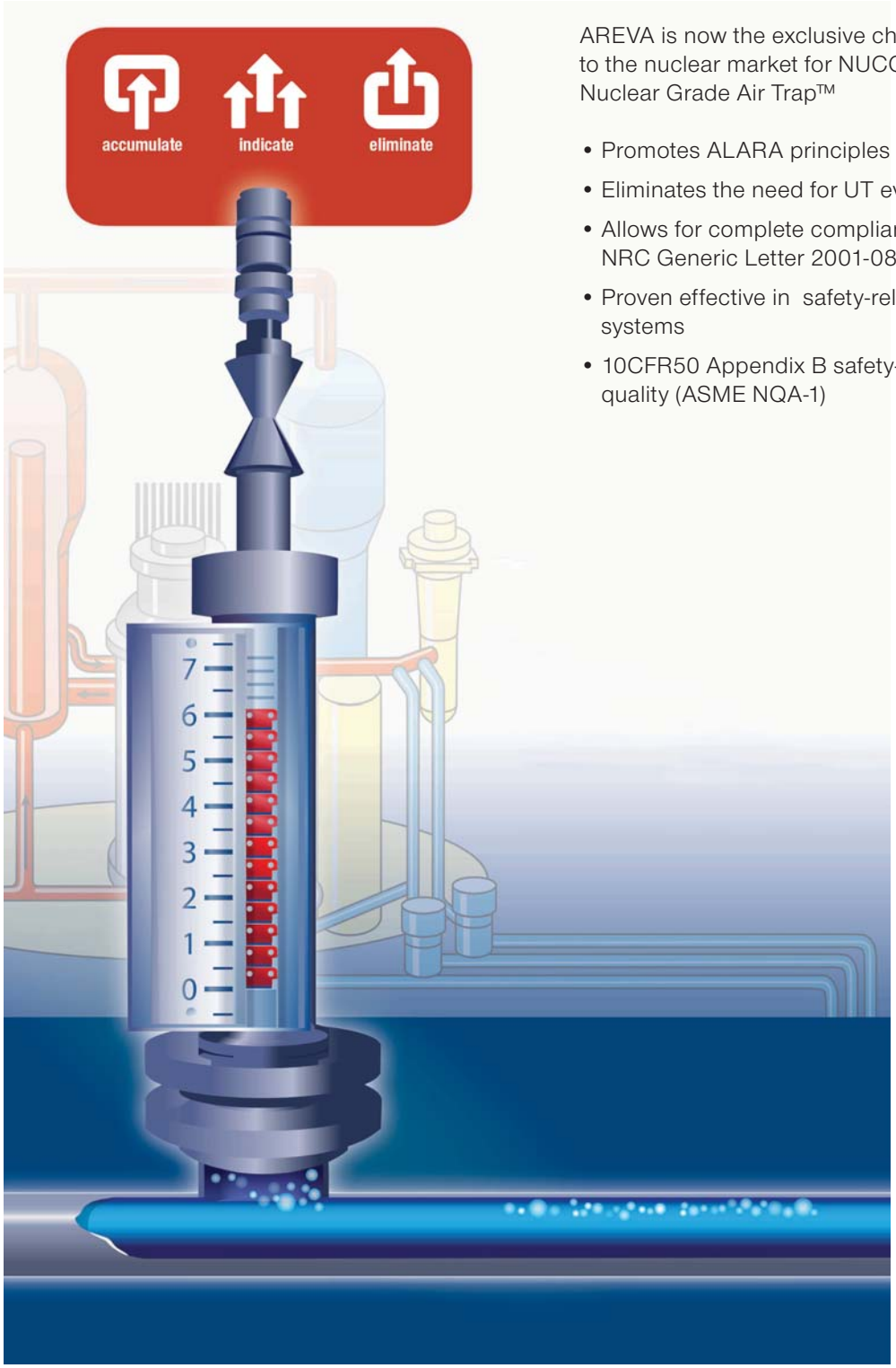
AREVA can work with your site to design and build a system to each utility's needs. The design allows for easy retrofit of existing conventional vents bringing you a safer and more effective means to manage gas accumulation.

Features and Benefits

- Significantly reduces cost by eliminating the need for labor and time-intensive UT inspections
- Designed per Section III of the ASME Code and is fabricated from safety-related ASME materials
- Allows for removal of air/gas before it has a chance to enter main safety-related piping
- Indication can be local, remote or both
- NGAT is a go/no-go indication that voids are present by quick visual observations, eliminating human error in the interpretation of data
- Air/gas can be removed without elevated platforms or scaffolding
- Four years of flawless operation in the field with ZERO need for UT

NUCCORP

AREVA
forward-looking energy



AREVA is now the exclusive channel to the nuclear market for NUCCORP's Nuclear Grade Air Trap™

- Promotes ALARA principles
- Eliminates the need for UT evaluations
- Allows for complete compliance with NRC Generic Letter 2001-08
- Proven effective in safety-related fluid systems
- 10CFR50 Appendix B safety-related quality (ASME NQA-1)

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