

# Commercial Grade Dedication Program

*Committed to Testing Excellence*

**CURTISS-  
WRIGHT**

Advanced Testing and Qualification Procedures



## About Commercial Grade Dedication (CGD)

Since 1987, Curtiss-Wright has played a vital role in supporting the nuclear industry's safety-related hardware needs through Commercial Grade Dedication (CGD). These services are performed in-house at our Newmarket, Ontario facility by a highly skilled engineering staff. With over 50,000 components qualified and dedicated, the CGD program maintains an extensive library containing thousands of dedication plans, qualification plans, and test reports for BWR, PWR, and CANDU Reactors. Curtiss-Wright also serves OEMs, Tier 1 suppliers, and federal government nuclear service providers. The repository of historical data represents decades of procedural experience and industry knowledge necessary to perform safety-related testing to regulatory standards. Curtiss-Wright is also an EPRI SQRSTS seismic testing facility, providing testing to SQRSTS members. Whether the challenge at hand involves an individual component or a complex system, Curtiss-Wright has the solution.

## Dedication Procedures

Curtiss-Wright follows a highly structured dedication process that adheres to governing industry guidelines. This methodology begins with a dedication procedure that includes technical evaluation, definition of critical characteristics for acceptance (based on safety function), acceptance criteria, acceptance test procedures, customer specifications, and data sheets. The CGD team performs all required dedication activities and, upon completion, issues a testing report along with a Certificate of Compliance of Conformance (CofC).

## QUALITY PROGRAMS

- ASME NQA-1
- ANSI N45.2
- ASME B31.1
- ASME Section IX
- AWS
- 10CFR50 Appendix B
- 10CFR21
- CSA N285
- CSA B51
- CSA N299.1-16
- NUPIC and NIAC audited

## CONTACT INFORMATION:

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