

# EGSCS Servo-Drive Upgrade Solution

*For Steam Turbine Applications*

# CURTISS- WRIGHT

Steam & Air Solutions

## ABOUT

Curtiss-Wright SAS supports legacy brand safety related quick-start, emergency pump drive steam turbines (originally sold under the name Terry® and Dresser-Rand®) installed in nuclear facilities throughout the world.

## CHALLENGE

Support client install base by providing long-term maintenance planning for successful Plant License Renewal.

## SOLUTION

Curtiss-Wright SAS provides upgrade response for obsolete Introl Positioner install base.

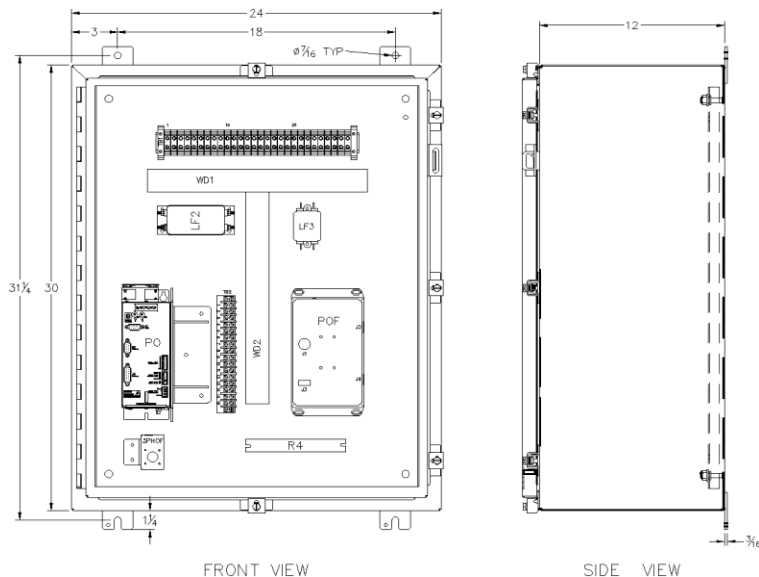
## Background

Introl Positioners supplied in Electronic Governor Speed Control Systems (EGSCS) have grown obsolete in safety related applications.

## Solution

Recently Curtiss-Wright SAS and Engine Systems Inc. developed a solution in response to numerous industry requests for replacing obsolete Introl positioners in existing Electronic Governor Speed Control Systems. This establishes the design, qualification, material, and testing services necessary to replace the Introl positioner with a MOOG servo-drive. Curtiss-Wright SAS and Engine Systems Inc. are proposing to remove the currently installed Introl positioner entirely and replace it with an external enclosure containing a MOOG servo-drive and supporting components.

Curtiss-Wright SAS recommends installing the new enclosure in proximity to the existing turbine control panel. Down time of the turbine should be considerably lower with this new separate installation because the panel will be pre-built, tested, and can be mounted in place with the turbine remaining online. Please see below diagram detailing enclosure configuration.



**Contact:** 585 Trade Center Parkway,  
Summerville, SC 29483 / 1-585-596-3831

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[WWW.CW-EMS.COM/SAS](http://WWW.CW-EMS.COM/SAS)