

# 5059.ai

An *Augmented Intelligence*  
10 CFR 50.59 Screening Tool



## Effortless Screening of Changes, Tests, and Experiments

**5059.ai** reduces the time, cost, and complexity of your next major system change by

1. Identifying relevant licensing basis references,
2. Drafting initial screening responses, and
3. Transferring knowledge across your organization.

### Tool Features

- Data is stored at the Gov cloud website and can be simply reorganized.
- A living repository for seamless maintenance of your licensing basis documentation.
- Documents are uniquely tailored to the customer's 50.59 procedure.
- Flexible data architecture ensuring security and seamless evolution

### Comprehensive Information Sourcing

5059.ai incorporates highly relevant information into the screening process by searching several resources related to:

- 10 CFR 50.59 Requirements
- Plant Licensing Basis Documentation Suite
- Plant records - i.e., engineering changes, reports, licensing correspondence, etc.
- Plant's '50.59' guidance procedure and practices
- Historical '50.59' records (screens, evaluations, and related inspection results)

Over **\$1M per site, per year**  
in potential **COST SAVINGS**

### Additional Benefits

- Cross-cutting knowledge transfer and retention,
- Training inexperienced 50.59 preparers, and
- Investigating the licensing basis for other licensing actions.



## The Augmented Intelligence Process

1

### Initiating the Screening

The User enters a description of the change, test, or experiment into their plant's standard 50.59 template and uploads the document to the cloud.



2

### Intelligent Search Terms

Augmented intelligence proposes search terms based on the activity description. The User confirms or updates the search terms resulting in improved results.



3

### Selecting References

The tool searches applicable databases and presents relevant, prioritized document references. The User can adjust the list of references, enhancing the tool's efficacy for future searches.



4

### Reviewing the Document

The tool's interactive interface walks the User through the screening responses which the User can adjust as needed.



5

### Finishing Up

Upon completion the User can download the 50.59 screening document in a variety of standard formats.

