Artificial Intelligence Use Case Inventory Office of the Clerk, U.S. House of Representatives

Use case ID	USHouse-Clerk-1
Use case name	Comparative Print Suite
Agency	U.S. House of Representatives
Bureau/Department	Office of the Clerk, Legislative Computer Systems
Summary of use case	The Comparative Print Suite is a set of applications that produces comparative prints showing how proposed legislation may amend law using natural language processing, which identifies amendments in proposed legislative documents, retrieves provisions of the impacted law from a current law data set, and executes the proposed amendments in the appropriate place in the law.
Stage of system development life cycle	Operation and maintenance
Date initiated, if applicable	1/3/2017
Date when development and/or acquisition began, if applicable	4/13/2017
Date implemented, if applicable	6/8/2020
Contact name	Kirsten Gullickson, product owner
Developer information	Contracted
Consistent with EO 13960?	Yes
Explanation for inconsistencies with EO 13960	N/A
What specific AI techniques were used?	Natural language processing, machine learning
Where did/does the training data originate?	Agency generated
Does the agency have access to the code associated with the AI use case?	Yes
If the source code is publicly available, provide link.	No
Is the agency able to conduct ongoing testing on the code?	Yes
Is the agency able to monitor and/or audit performance?	Yes