

# **Using Content and Advanced Search in Web-based ADAMS**

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# 1. Introduction

The NRC Public and Legacy Public Libraries may be searched using a Content Search or Advanced Search.

The Content Search is accessed by clicking on the Content Search Tab located between the Folder View and the Advanced Search tabs. The Content Search feature lets you search for terms within the content of a document and the properties of documents and packages. A logical AND statement automatically combines the search criteria to narrow the results to documents and packages that match all the search criteria. The Content Search only searches the Public Library.

The Advanced Search feature allows you to search based on document and package properties. The Advanced Search is accessed by clicking on the Advanced Search Tab, located to the right of the Content Search Tab. The Advanced Search Tab provides sections to create AND/OR searches, and retrieves both documents and packages from both the Public Library and Public Legacy Library.

## 2. Content Search

A Content Search query is broken up into terms and operators. There are two types of terms: Single Words and Phrases.

- A Single Word is a term - to search for single words, just type the word in the textbox such as 'test' or 'hello.'
- A Phrase is a group of words - to search for a string of words, use double quotation marks such as "hello dolly".

Multiple terms can be combined together with Boolean operators to form a more complex query.

### Wildcards

Wildcard characters can be used in a Content Search within single words (not within phrase queries).

- To perform a single character wildcard search, use the '?' symbol.
- To perform a multiple character wildcard search, use the '\*' symbol.

The single character wildcard search looks for terms that match with the single character that was replaced. For example, to search for 'text' or 'test' you can use the search - **te?t**

Multiple character wildcard searches looks for 0 or more characters - **test\***

You can also use the wildcard searches in the middle of a term - **te\*t**

*Note: You cannot use a \* or ? symbol as the first character of a search.*

## Operators

### AND Operators

The AND operator (must be specified using all CAPS) is used when both terms must be present in the document and/or its metadata. This is the default operator that is used if no other logical operator is specified. For example, the following query will match documents containing both 'pollution' and 'leak' - **pollution AND leak**

Note: The && combination may be used in place of AND.

### OR Operator

The OR operator (must be specified using all CAPS) is used when either of the terms must be present in the document. For example, the following search will match documents containing either 'pollution' or 'leak' - **pollution OR leak**

Note: The || combination may be used in place of OR.

### NOT Operator

The NOT operator (must be specified using all CAPS) is used to exclude documents from the results set if they contain the term immediately following the NOT operator.

For example, the following query will match all documents containing 'pollution' except those that also contain 'leak' - **pollution NOT leak**

Since the NOT operator applies an additional condition to the query, it cannot be used on its own. For example, the following query will not return any documents - **NOT leak**

Note: The ! sign may be used in place of **NOT**.

### + Operator

The + operator is used when the term immediately following the operator must be present in the document. For example, the following query will return documents that contain 'pollution' and may contain 'leak' - **+pollution OR leak**

This may seem to be equivalent to +pollution. However, **+pollution OR leak** will assign a higher relevance rating to the documents that contain both 'pollution' and 'leak.'

### - Operator

The - operator to exclude documents from the results set if they contain the term immediately following the - operator. For example, the following query will return document containing the word 'pollution,' except for those that also contain the word 'leak' - **pollution AND -leak**

### Group Operator

The group operator, specified as parentheses, is used to group boolean clauses and control boolean logic. For example, the following query will locate all documents that contain either 'pollution' or 'leak' in addition to 'radiation' - **(pollution OR leak) AND radiation**

### \$content: Operator

The \$content: operator is used to restrict the search to only search the content not the properties of a document. For example, the following query will locate all documents that contain 'Westinghouse' and 'loss of power' in the content of the document - **\$content:Westinghouse AND "loss of power"**

### Date Added (publishdatepars)

The publishdatepars operator is used to search for documents added on a specific or range of dates to Web-based ADAMS. For example, the following query will locate documents added on 12/20/2011 - **publishdatepars:12/20/2011**

To search for documents added to Web-based ADAMS within a date range, enter the start and end date in brackets with a **TO** between the dates. For example, the following query will search for documents that contain the phrase 'loss of power' and were added between 11/20/2011 to 12/20/2011 - **"loss of power" AND publishdatepars:[11/20/2011 TO 12/20/2011]**

To search for documents that are **less than** or **greater than** a specific date, use the date range search that is explained above. For example, the following query will search for documents that contain the term 'snubber' and were added after 12/15/2011 (you would need to enter the range as 12/15/2011 to Current Date) - **snubber publishdatepars:[12/15/2011 TO 12/21/2011]**

## Content Search 1: Docket Number and Content Search

In Content Search, enter the terms in the document content and properties for which you are searching. Use double quotation marks to search for terms in a specific order. To search for documents with Docket Number 05000353 and contents that contains 'loss of power', enter **"loss of power" 05000353** in the content search box, and click Search. Documents that contain 'loss of power' and '05000353' in the contents or document properties will be returned.

Libraries:  Public Library

Search: "loss of Power" 05000353

Download Properties Export Report

Document Title	Accession Number	Date Added	Document Date	Size
IR-00-003, Limerick Units 1&2	ML003723461	08/20/2000 10:30 AM EDT	06/13/2000	51.55 Kb
Limerick PPR Plant Issue Matrix 3/31/2000	ML003695760	04/05/2000 15:26 PM EDT	03/31/2000	55.75 Kb
IR 05000352/2001-003, IR05000353/2001-003, on 02/11-03/31/2001. Exelon Generation Company, Limerick Generating Station Units 1 and 2. Heat Sink Performance, Drill Evaluation.	ML011200356	05/07/2001 12:15 PM EDT	04/30/2001	55.82 Kb
IR 05000352/2001-008 and IR 05000353/2001-008, Exelon Generating Company, Limerick Generating Station, annual baseline inspection of the identification and resolution of problems.	ML012220620	08/17/2001 09:19 AM EDT	08/10/2001	86.12 Kb
LER 08-001-00 for Limerick Generating Station, Unit 2 re: Valid Actuation of the D23 Emergency Diesel Generator Bus Undervoltage Logic.	ML080700148	03/18/2008 09:37 AM EDT	03/07/2008	117.38 Kb
LER 09-001-00 for Limerick Unit 2 re:	ML091520531	06/01/2009 16:35 PM EDT	06/01/2009	118.9 Kb

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## Content Search 2: Date Added and Content Search

In Content Search, enter the terms in the document content and properties for which you are searching. Use double quotation marks to search for terms in a specific order. To search for documents added between 11/20/2011 and 12/20/2011 and contents that contains fire and 'browns ferry', enter **fire AND "browns ferry" AND publishdatepars:[11/20/2011 TO 12/20/2011]** in the content search box, and click Search. Documents that contain 'fire', 'browns ferry' added within 11/20/2011 and 12/20/2011 will be returned.

Libraries:  Public Library

Search: fire AND "browns ferry" AND publishdatepars:[11/20/2011 TO 12/20/2011]

Download Properties Export Report

Document Title	Accession Number	Date Added	Document Date	Size
NFFA 805 Status Matrix.	ML113330064	11/29/2011 10:26 AM EST	11/22/2011	81.4 Kb
SECY-11-0173 - Weekly Information Report - Week Ending 12/09/11	ML11348A303	12/16/2011 15:14 PM EST	12/15/2011	109.27 Kb
Status of NRC Activities of Potential Interest to OM Main Committee Dec 7 - 9 2011.	ML113390035	12/05/2011 13:11 PM EST	12/02/2011	118.34 Kb
Browns Ferry Nuclear Plant - Notification of Inspection and Request for Information for NRC Problem Identification and Resolution Inspection.	ML113470430	12/15/2011 08:37 AM EST	12/13/2011	119.5 Kb
12/8/11 Notice of Forthcoming Meeting with Tennessee Valley Authority (TVA) to Discuss the Fire Risk Reduction and Transition Status to NFFA (National Fire Protection Association) 805.	ML11327A027	11/25/2011 09:23 AM EST	11/23/2011	153.17 Kb
2011/12/01 - Twitter Messages Sent October through November 2011	ML11335A129	12/02/2011 09:09 AM EST	12/01/2011	205.37 Kb
9/15/11 Summary of Meeting with Tennessee Valley Authority on Extended Power Uprate (TAC ME5282, MD5283, and MD5284).	ML11264A011	12/07/2011 11:29 AM EST	12/07/2011	287.32 Kb

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## Content Search 3: Date Added (less than) and Content Search

In Content Search, enter the terms in the document content and properties for which you are searching. To search for documents with contents that contain 'snubber' added before 12/15/2011 (you would need to enter the range as earliest date to 12/15/2011), enter **snubber publishdatepars:[12/15/1999 TO 12/15/2011]** in the content search box, and click Search. Documents that contain 'snubber' added prior to 12/15/2011 will be returned.

Libraries:  Public Library

snubber publishdatepars:[12/15/1999 TO 12/15/2011] Search

Download Properties Export Report

<input type="checkbox"/>	Document Title	Accession Number	Date Added	Document Date	Size
<input type="checkbox"/>	POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - ISSUANCE OF AMENDMENTS RE: REMOVAL OF TESTING REQUIREMENTS IN SNUBBER TECHNICAL SPECIFICATION 15.4.13 (TAC NOS. MA4163 AND MA4164)	ML993470105	12/14/1999 19:57 PM EST		
<input type="checkbox"/>	Forwards application for amend to License DPR-22, changing TSs to implement recommendations of Generic Ltr 90-09 by incorporating alternative requirements for snubber visual insp intervals.	ML112971446	10/24/2011 14:28 PM EDT		
<input type="checkbox"/>	Forwards application for amend to License DPR-22, revising Tech Specs re frequency of snubber insp & integrated leak rate testing. Fee paid.	ML112971178	10/24/2011 14:29 PM EDT		
<input type="checkbox"/>	Forwards application to amend License DPR-22 revising snubber surveillance Tech Specs per NRC 801120 request.	ML112970831	10/24/2011 12:29 PM EDT		
<input type="checkbox"/>	Edwin I. Hatch, Units 1 & 2, and Vogtle, Units 1 & 2, Adoption of ASME OM Code,	ML112550082	09/20/2011 09:26 AM EDT	09/09/2011	43.41 Kb

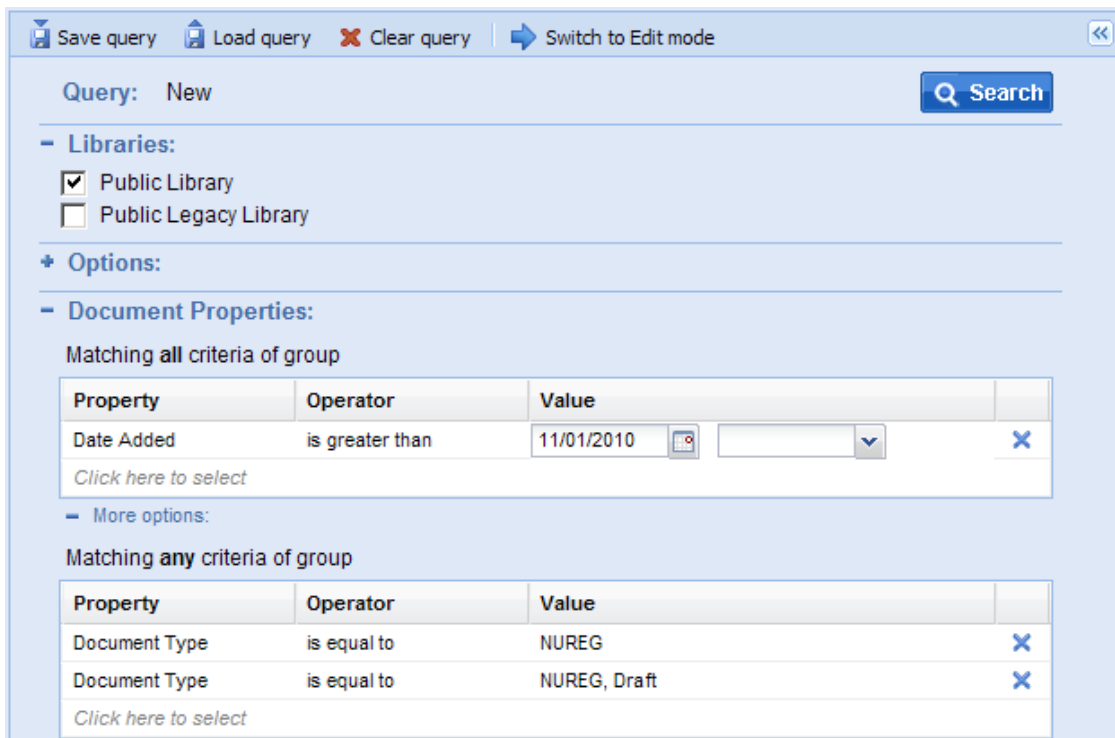
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### 3. Advanced Search

In addition to Content Search, WBA provides the Advanced Search feature. It is accessed by clicking the Advanced Search Tab located to the right of the Content Search Tab. The Advanced Search tab is broken into three sections – Libraries, Options, and Document Properties. The Document Properties section contains the option to search for documents based on document properties.

#### Advanced Search 1: Find Recent NUREG Documents

In Advanced Search, use the following: the Property **Date Added**, the Operator **is greater than**, and the Value **mm/dd/yyyy** in the ‘Match **all** criteria of group’ section and the Property **Document Type**, the Operator **is equal to** and the Value **nureg OR nureg, draft** in the ‘Matching any criteria of group’ section found when clicking on ‘More options’. Click **Search**. See the example below:



The screenshot shows the Advanced Search interface with the following elements:

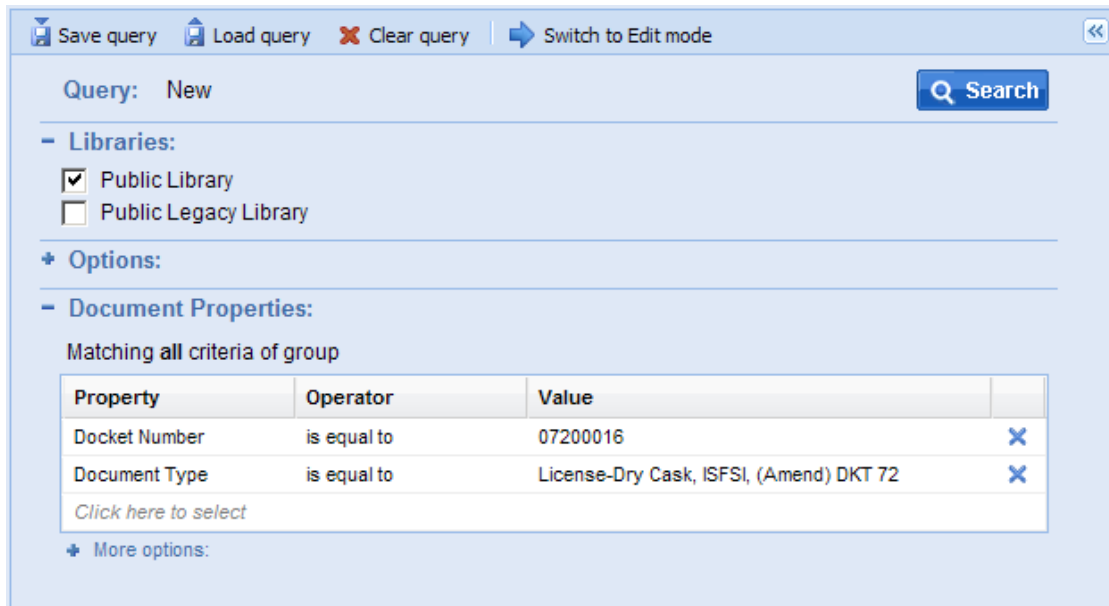
- Buttons: Save query, Load query, Clear query, Switch to Edit mode, and a Search button.
- Query: New
- Libraries:  Public Library,  Public Legacy Library
- Options: + Options:
- Document Properties: - Document Properties:
- Matching all criteria of group:

Property	Operator	Value	
Date Added	is greater than	11/01/2010	X
<a href="#">Click here to select</a>			
- More options:
- Matching any criteria of group:

Property	Operator	Value	
Document Type	is equal to	NUREG	X
Document Type	is equal to	NUREG, Draft	X
<a href="#">Click here to select</a>			

## Advanced Search 2: Find the License and Amendments for an Independent Spent Fuel Storage Installation

In Advanced Search, use the following: the Property **Docket Number**, Operator **is equal to**, and Value **07200016** (docket number for the North Anna ISFSI) AND Property **Document Type**, Operator **is equal to**, and Value **License-Dry Cask, ISFSI, (Amend) DKT 72** in the 'Match all criteria of group' section. Click **Search**. See the example below:



The screenshot shows a search interface with the following elements:

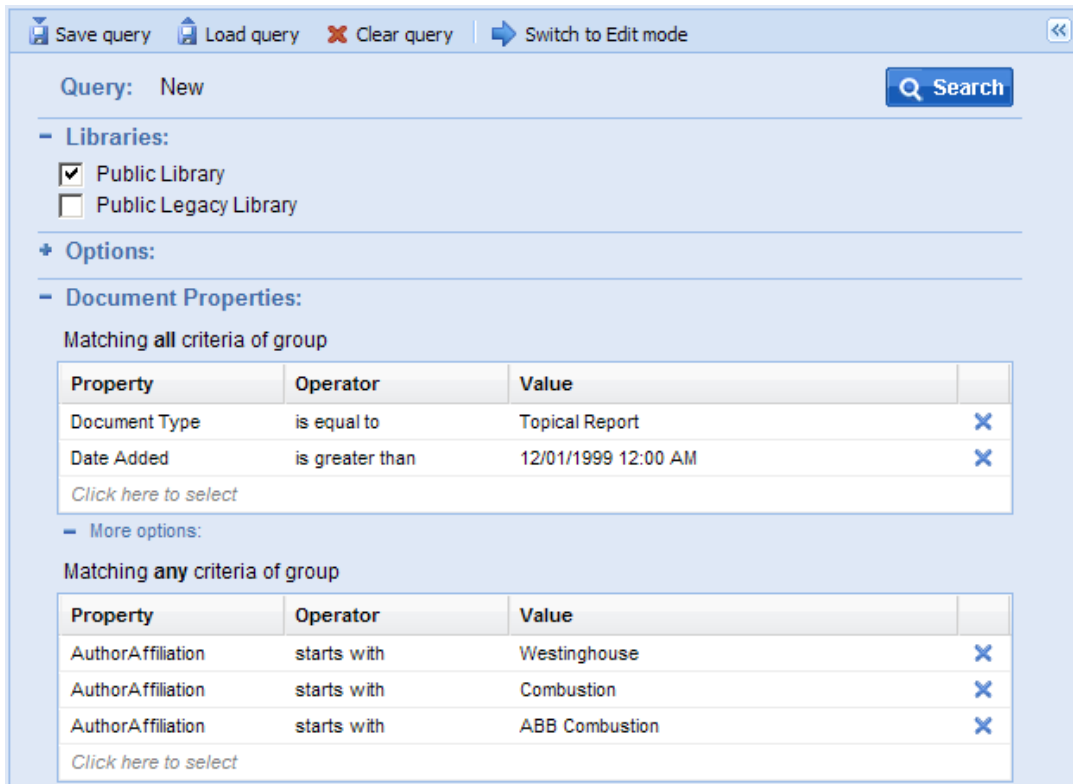
- Toolbar: Save query, Load query, Clear query, Switch to Edit mode.
- Query: New
- Search button: Search
- Libraries:  Public Library,  Public Legacy Library
- Options: + Options:
- Document Properties: - Document Properties:
  - Matching all criteria of group
  - Table with 4 columns: Property, Operator, Value, and a delete icon (X).
- More options: + More options:

Property	Operator	Value	
Docket Number	is equal to	07200016	X
Document Type	is equal to	License-Dry Cask, ISFSI, (Amend) DKT 72	X

[Click here to select](#)

## Advanced Search 3: Find Recent Topical Reports for Selected Companies

In Advanced Search, make these selections: add the Property **Document Type**, the Operator **is equal to**, and Value **Topical Report** and the Property **Date Added**, the Operator **is greater than** and the Value **mm/dd/yyyy** in the 'Match **all** criteria of group' section. Use the Property **Author Affiliation**, the Operator **starts with** (to allow truncation) and the Value **Westinghouse**. Repeat for the Value **Combustion** and **ABB Combustion** in the 'Matching **any** criteria of group' section found when clicking on 'More options'. Click **Search**. See the example below:



The screenshot shows an advanced search interface with the following elements:

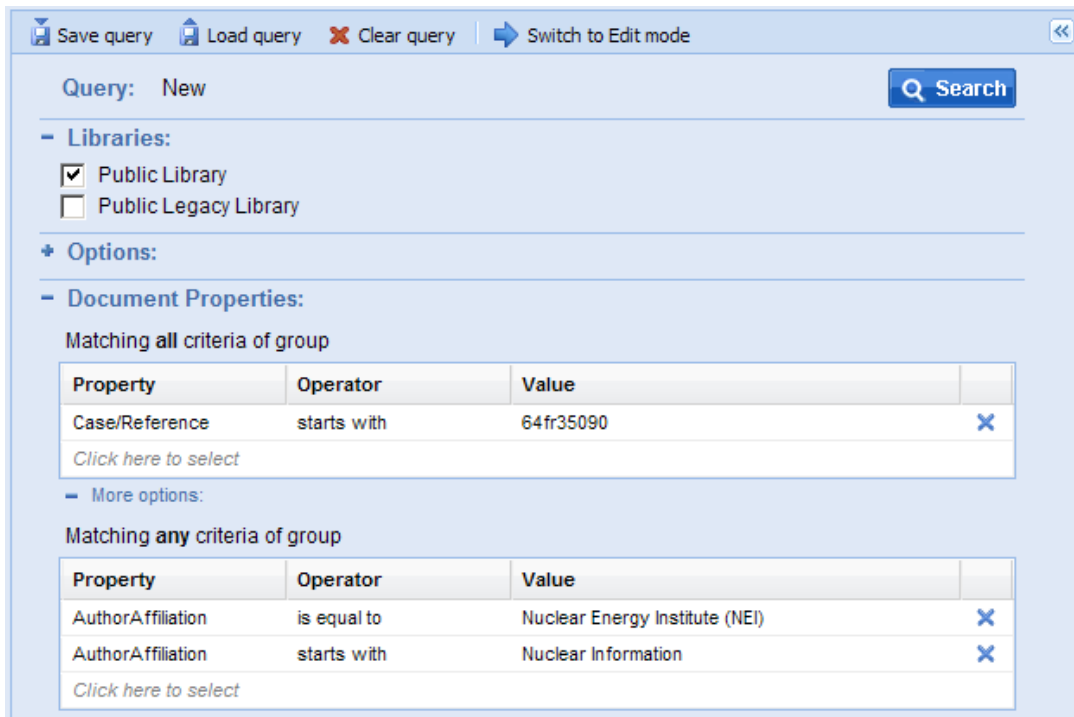
- Buttons: Save query, Load query, Clear query, Switch to Edit mode, and a Search button.
- Query: New
- Libraries:  Public Library,  Public Legacy Library
- Options: **Document Properties:**
  - Matching **all** criteria of group:

Property	Operator	Value	
Document Type	is equal to	Topical Report	X
Date Added	is greater than	12/01/1999 12:00 AM	X
<a href="#">Click here to select</a>			
  - More options:**
    - Matching **any** criteria of group:

Property	Operator	Value	
AuthorAffiliation	starts with	Westinghouse	X
AuthorAffiliation	starts with	Combustion	X
AuthorAffiliation	starts with	ABB Combustion	X
<a href="#">Click here to select</a>			

## Advanced Search 4: Find the Comments on a Proposed Rule by Specified Affiliations

In Advanced Search, use the following: the Property **Case/Reference Number**, the Operator **starts with** (to allow truncation) and the Value **64fr35090** for the proposed rule Federal Register citation in the 'Match **all** criteria of group' section. Using the **starts with** will find all values for the rule regardless of the comment number that follows. Use the Property **Author Affiliation**, the Operator **is equal to** and the Value **Nuclear Energy Institute** to locate comments by that specific affiliation. You can use the Operator **starts with** to truncate the affiliation. Notice the different ways the Nuclear Information and Resource Service has been listed in ADAMS. Make sure to enter the Author Affiliation information in the 'Matching **any** criteria of group' section found when clicking on 'More options'. Click **Search**. See the example below:



The screenshot shows the Advanced Search interface with the following elements:

- Buttons: Save query, Load query, Clear query, Switch to Edit mode, Search.
- Query: New
- Libraries:  Public Library,  Public Legacy Library
- Options: + Options:
- Document Properties: - Document Properties:
- Matching all criteria of group:

Property	Operator	Value	
Case/Reference	starts with	64fr35090	X
<a href="#">Click here to select</a>			
- More options: - More options:
- Matching any criteria of group:

Property	Operator	Value	
AuthorAffiliation	is equal to	Nuclear Energy Institute (NEI)	X
AuthorAffiliation	starts with	Nuclear Information	X
<a href="#">Click here to select</a>			