



AI Enabling Technologies

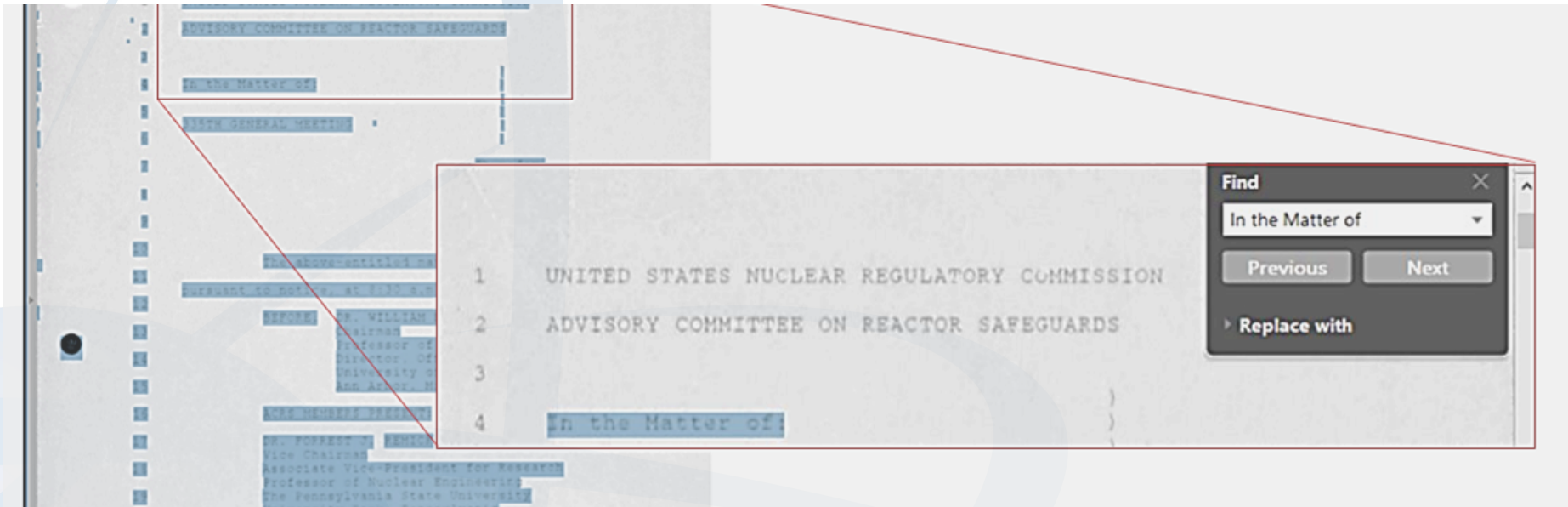
Grooper and Digitizing Success

June 29, 2021

DIGITIZATION PROJECT

- **Digitize Key Docketed Information**
 - Making licensing and design basis information readily available to staff streamline the review process
 - Expand public access to materials
 - Comply with federal records management mandates (e.g., M19-21)
 - Reduce storage cost
- **NUDOCS microform** (1979-1999) – 110K microfiche and 88K aperture cards consist of 2.3M documents or 43M images
 - **109,424** (100%) microfiche, **87,929** aperture cards digitized
 - **43,009,225** (100%) images of 43M fiche/aperture scanned
 - Over **2,355,157** PDFs generated
- **AEC Paper** (pre 1978) – 1,095 boxes of paper records which consist of 205K documents or 3.2M images
 - **191** boxes, **332,879** pages digitized (COVID-19)
 - **13,619** PDFs generated
- **Components**
 - Mekel Mach 7
 - Grooper software

DIGITIZATION PROJECT



New Searchable Image
Processed with Artificial Intelligence

DIGITIZATION PROJECT

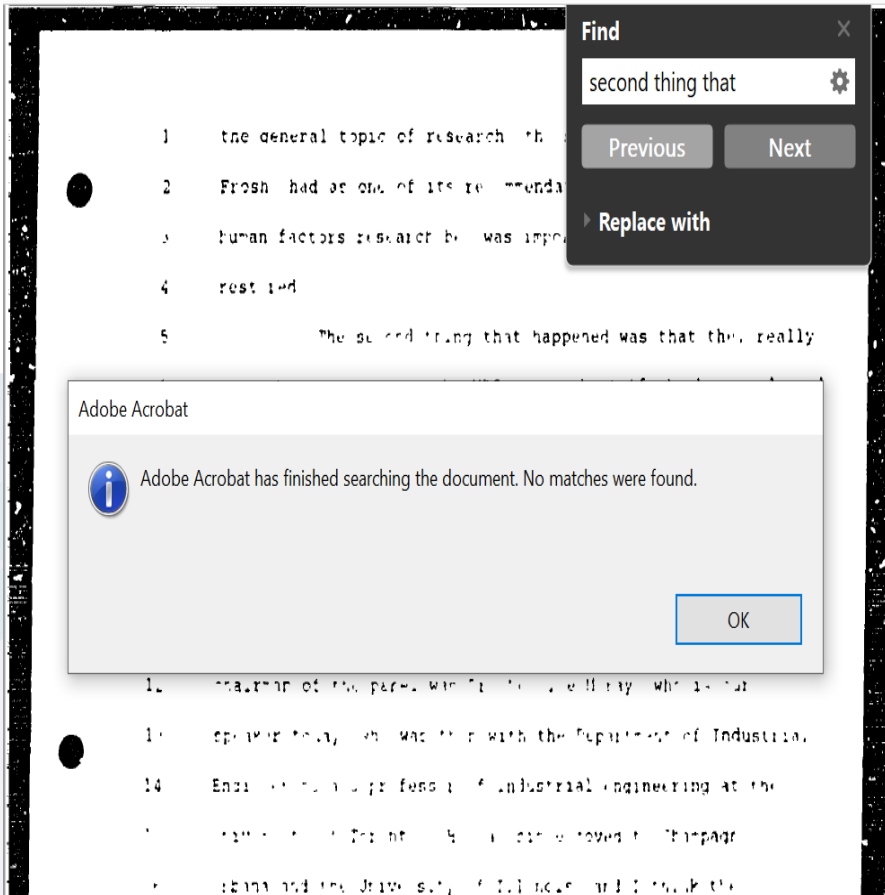
1 the general topic of research that so-called--headed by Bob
2 Frosh had as one of its recommendations that a program in
3 human factors research be was important and should be
4 restored.

5 The second thing that happened was that the, really
6 through initiative on the NRC research staff which we endorsed
7 with a letter, the National Academy and the National Research
8 Council was asked to put together a panel to study the, more
9 specifically the need for research in the area of human
10 factors for the, for the NRC and the nuclear power industry,
11 so a couple of years ago a panel was put together. The
12 chairman of the panel was Dr. Neville Moray, who is our
13 speaker today, who was then with the Department of Industrial
14 Engineering and professor of industrial engineering at the
15 University of Toronto. He has since moved to Champagne,
16 Urbana and the University of Illinois, and I think the

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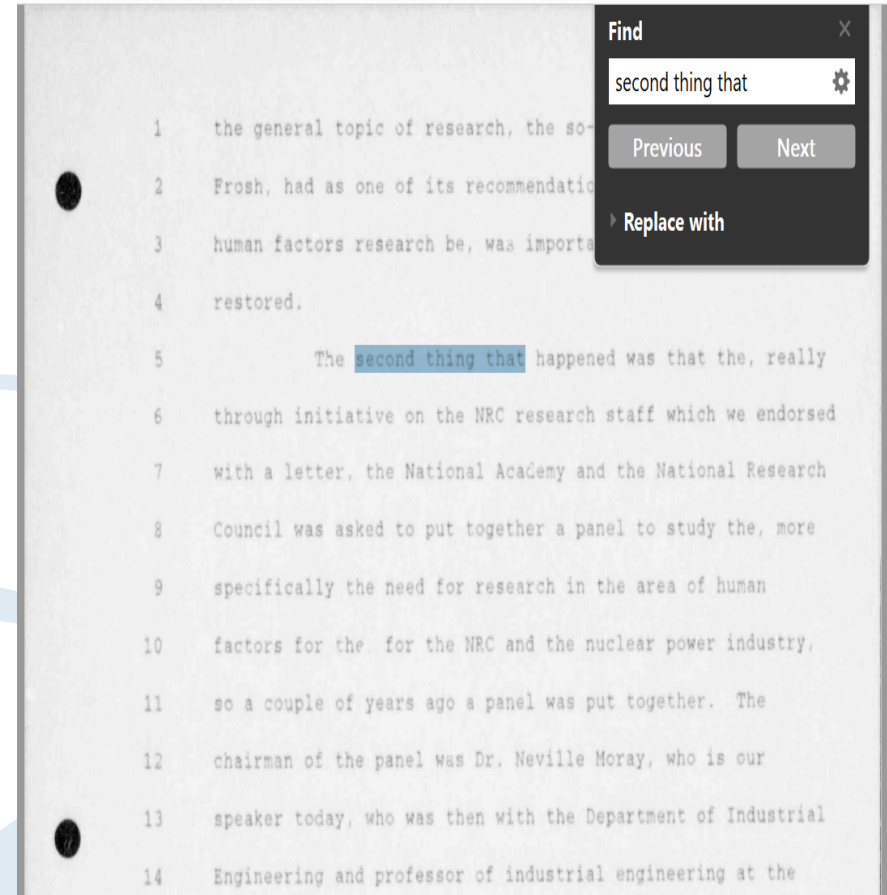


The screenshot shows a document page with a search overlay. The search text is "second thing that". The document text includes:
1 the general topic of research th
2 Frosh had as one of its recommenda
3 human factors research be was impo
4 rest red
5 The second thing that happened was that the, really

Find [second thing that] [Previous] [Next] [Replace with]

Adobe Acrobat
i Adobe Acrobat has finished searching the document. No matches were found. [OK]

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Find [second thing that] [Previous] [Next] [Replace with]

DIGITIZATION PROJECT

Force.

The proposed Act is intended to


- a) Early Site Reviews:
- b) Standardized Plant Design
- c) One-Step Licensing -- Issuance of Combined Construction Permit/Operating License;
- d) Stability of Approved Standardized Plant Designs -- Protection Against Unwarranted Backfit Changes;
- e) Deferral by NRC to FEBC with Respect to Need For Power Determinations; and
- f) Revised Hearing Procedures for Standardized

Find

Previous Next

Replace with

Adobe Acrobat

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OK

Force.

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- a) Early Site Reviews:
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- c) One-Step Licensing -- Issuance of Combined Construction Permit/Operating License;
- d) Stability of Approved Standardized Plant Designs -- Protection Against Unwarranted Backfit Changes;
- e) **Deferral** by NRC to FEBC with Respect to Need For Power Determinations; and
- f) Revised Hearing Procedures for Standardized Plant Design Approvals, Early Site Approvals, and One-Step Licensing.

Find

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