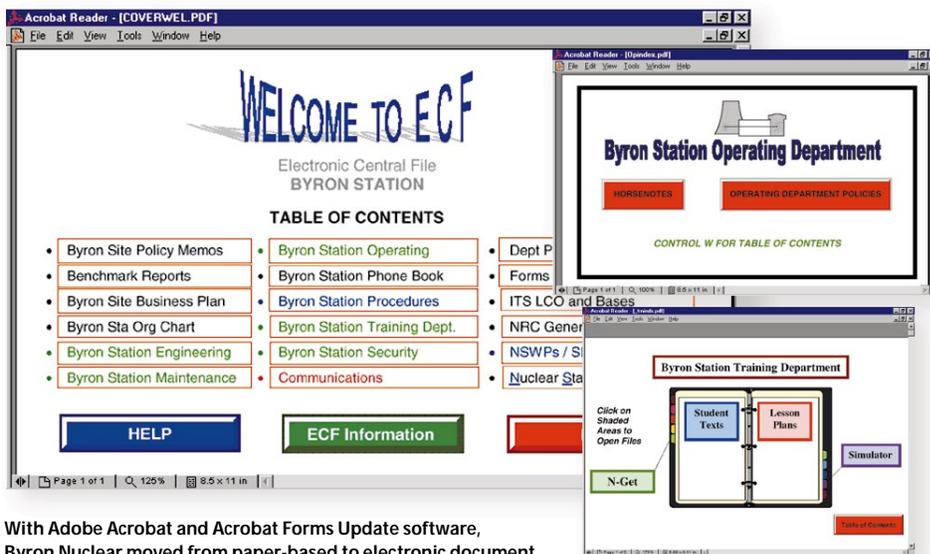


Byron Nuclear

Nuclear Power Station Reduces Cost of Document Delivery by Speeding Retrieval and Processing of Mission-Critical Documents and Forms

Adobe® Acrobat®
Adobe Acrobat Capture®
Adobe Acrobat Forms
Update



With Adobe Acrobat and Acrobat Forms Update software, Byron Nuclear moved from paper-based to electronic document distribution, converting more than 10,000 documents and several hundred forms to Adobe PDF.

Key Benefits

- With Adobe Acrobat, Byron Nuclear reduces administrative overhead and improves employee efficiency, saving substantial resources all around.
- The Acrobat Forms Update software enables Byron Nuclear to create an effective, centralized system for employees to search across multiple documents, complete procedure forms, and share updates instantly with co-workers without ever leaving their desktop.
- By retaining the exact look and feel of documents in their native applications, Adobe PDF provides Byron Nuclear with online materials that look exactly like the original documents approved by management.

Every day, field engineers at Byron Nuclear Power Station access an extensive library of documents outlining thousands of procedures for handling critical jobs like starting and stopping reactors and repairing control panels, or for performing routine maintenance. These operational guidelines ensure public safety and guarantee that the plant remains in full compliance with strict federal laws.

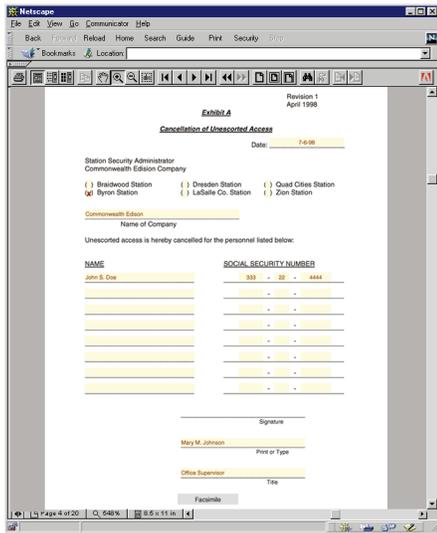
For years, Byron Nuclear relied on a costly, labor-intensive process to maintain procedural documents, which were kept in thousands of three-ring binders around the plant. According to Heinz Lange, office supervisor at Byron Nuclear, an enormous amount of resources were needed to verify guidelines, create updates, copy pages, and manually distribute timely, accurate materials to binders.

Streamlined Document Delivery

In mid 1996, the plant began searching for ways to streamline document delivery. The goal was to create a centralized, online library that enabled administrative staff to distribute revised procedures at the push of a button and gave field engineers instant, desktop access to operational guidelines.

Byron Nuclear solved its document distribution problems using Adobe Acrobat and Adobe Acrobat Capture software. And with the introduction of Acrobat Forms Update software, the plant is expanding its document distribution system further by enabling forms that accompany procedures to be completed online.

“Adobe Acrobat is, without doubt, the most powerful, cost-effective electronic publishing technology on the market,” Lange explained. “Acrobat and PDF offer many



Byron Nuclear employees fill in work orders, project status reports, and maintenance procedural documents online using Acrobat Forms Update software.

essential features, including platform- and application-independence, the ability to deliver electronic documents that look exactly like the originals, and support for online forms completion.”

Fast, Efficient Processing of Online Forms

The stringent federal safety requirements governing plant procedures make it necessary to document all work in detail. Before a project gets underway, employees complete a number of forms outlining what will be done, when it will start, and who is involved. During the course of a project, extensive progress records must be kept, right up until the work is finished.

Employees fill in work orders, project status reports, and maintenance procedures that are delivered as PDF files over Byron Nuclear’s wide area network (WAN). The partially filled in or completed PDF forms can be printed and made available to members of a project team plant-wide. “Adobe Acrobat Forms Update software takes electronic document delivery to the next level,” Lange said. “By making forms and proce-

dures available online, we create a dynamic, centralized system for sharing information. Control of document revision is easily maintained through the use of a centralized document repository on our network.”

Easy to Deploy, Easy to Use

Achieving Byron Nuclear’s primary goal—moving from paper-based to electronic document distribution—went smoothly. Within weeks, Byron’s Electronic Central File (ECF) Team converted more than 10,000 documents to Adobe PDF files and published them online.

Because these policy manuals and procedural forms outline the plant’s mission-critical operations, online materials have to look exactly like the original documents reviewed and approved by management.

“Adobe Acrobat is, without doubt, the most powerful, cost-effective electronic publishing technology on the market. Acrobat and PDF offer many essential features, including platform- and application-independence, the ability to deliver electronic documents that look exactly like the originals, and support for online forms completion.”

— Heinz Lange,
Office Supervisor,
Byron Nuclear Power Station

“Our employees rely on these guidelines to do their work—so the documents people download to their desktops have to match the originals perfectly,” Lange said.

Most policy and procedure documents are created in-house with standard desktop applications, including Microsoft® Word,

Harvard Graphics, Adobe Photoshop®, and Adobe Illustrator®, before being converted to PDF files using Acrobat. To convert documents available only in paper copy to Adobe PDF, Byron’s ECF Team uses Adobe Acrobat Capture software. Currently more than 15,000 Adobe PDF files, containing 150,000 pages of procedures and several hundred project forms, are available.

According to Lange, policy manuals that once took half an hour or more to locate can be found in minutes on the ECF system. By using Adobe Acrobat, employees search across multiple documents, complete procedure forms, and share updates instantly with co-workers, without ever leaving their desktop.

“Adobe Acrobat gives us a rich set of tools for electronic document delivery,” Lange said. “Acrobat’s ease of use allows us to expand the system continually to meet our changing needs. As a result, we reduce overhead and improve employee efficiency, saving substantial resources all around.”

More information about Byron Nuclear Power Station is available by e-mailing the ECF Team at byrhx@ccmail.ceco.com. Additional information on Adobe Acrobat and Acrobat Forms Update software can be found at www.adobe.com.

Byron Nuclear Systems At-A-Glance

Hardware
Clients: Pentium® PCs

Software
Adobe Acrobat
Adobe Acrobat Capture
Adobe Acrobat Forms Update
Adobe Photoshop
Adobe Illustrator
Harvard Graphics
Microsoft Office

Adobe Systems Incorporated
345 Park Avenue
San Jose, CA 95110-2704 USA

Adobe Systems Pty. Ltd.
Level 5, 18-20 Orion Road
Lane Cove, NSW 2066
Australia

Adobe Systems Europe Limited
Adobe House, Mid New Cultins
Edinburgh EH11 4DU
Scotland, United Kingdom

Adobe Systems Co., Ltd.
Yebisu Garden Place Tower
4-20-3 Ebisu, Shibuya-ku
Tokyo 150-6017 Japan

World Wide Web
www.adobe.com

Adobe, the Adobe logo, Acrobat, Acrobat Capture, Illustrator, and Photoshop are trademarks of Adobe Systems Incorporated. Microsoft is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. Pentium is a registered trademark of Intel Corporation. All other trademarks are the property of their respective owners.

This spotlight contains illustrations of how customers use Adobe products and the results achieved. Many factors contributed to the results and benefits described. Adobe and/or its customers do not guarantee the same or similar results for other customers.

© 1998 Adobe Systems Incorporated. All rights reserved. Printed in the USA. BC1157 9/98