

LICENSEE: Northern States Power Company (NSP)  
 FACILITIES: Prairie Island and Monticello Nuclear Generating Plants  
 SUBJECT: MEETING WITH NSP TO DISCUSS CONVERSION TO IMPROVED STANDARDIZED TECHNICAL SPECIFICATIONS

On December 12, 1995, the staff met with representatives from NSP to discuss the proposed conversion of Prairie Island and Monticello technical specifications to the improved standardized technical specifications (ISTS). Attachment 1 contains a list of meeting attendees. Attachment 2 is a copy of the overhead slides used during the presentations.

Christopher Grimes, Chief of the Technical Specifications Branch in NRR, opened the meeting by presenting the status of technical specification conversions throughout the industry and the NRC goals for reviewing technical specification conversion packages. Mr. Grimes also offered suggestions on ways to improve submittal packages in order to better utilize both licensee and NRC resources, such as use of standard justifications for adopting the ISTS from the owners groups and no concurrent changes of the licensing basis with the conversion to ISTS.

A representative from Prairie Island presented an outline of its plan for submittal of the conversion package. Prairie Island plans to use Ginna's technical specifications as a standard because it is the only other Westinghouse 2-loop plant to convert thus far. NSP plans to start preparation of its submittal in April 1996 and submit its request for conversion to the NRC in June 1997. Monticello plans to make its submittal to the NRC by approximately August of 1997.

Other topics discussed during the meeting included implementation of the ISTS by the plant operators, joint conversion submittals by similar plants, the logistics involved with electronic submittals to the NRC, content of the Bases in ISTS, and implementation of backfits.

*Beth A. Wetzel*

Beth A. Wetzel, Project Manager  
 Project Directorate III-1  
 Division of Reactor Projects - III/IV  
 Office of Nuclear Reactor Regulation

Docket Nos: 50-282/306 and 50-263

- Attachments: 1. Meeting Attendees  
 2. Presentation Slides

cc w/att: See next page

Distribution w/attachments:

Docket File PD3-1 Reading M. Jordan  
 PUBLIC B. Wetzel T. J. Kim

w/attachment 1 only:

W. Russell/F. Miraglia R. Zimmerman  
 J. Roe E. Adensam (e/m)  
 OGC E. Jordan  
 C. Grimes T. J. Kim  
 ACRS B. McCabe, 017G21

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 19, 1996

LICENSEE: Northern States Power Company (NSP)  
FACILITIES: Prairie Island and Monticello Nuclear Generating Plants  
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A handwritten signature in cursive script that reads "Beth A. Wetzel".

Beth A. Wetzel, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
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Northern States Power Company

Monticello Nuclear Generating Plant  
and Prairie Island Nuclear  
Generating Plant

cc:

Mr. Roger O. Anderson, Director  
Licensing and Management Issues  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, Minnesota 55401

Kris Sanda, Commissioner  
Department of Public Service  
121 Seventh Place East  
Suite 200  
St. Paul, Minnesota 55101-2145

J. E. Silberg, Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N. W.  
Washington DC 20037

Adonis A. Neblett  
Assistant Attorney General  
Office of the Attorney General  
455 Minnesota Street  
Suite 900  
St. Paul, Minnesota 55101-2127

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
2807 W. County Road 75  
Monticello, Minnesota 55362

Site General Manager  
Prairie Island Nuclear Generating  
Plant  
Northern States Power Company  
1717 Wakonade Drive East  
Welch, Minnesota 55089

Plant Manager  
Monticello Nuclear Generating Plant  
ATTN: Site Licensing  
Northern States Power Company  
2807 West County Road 75  
Monticello, Minnesota 55362-9637

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
1719 Wakonade Drive East  
Welch, Minnesota 55089-9642

Robert Nelson, President  
Minnesota Environmental Control  
Citizens Association (MECCA)  
1051 South McKnight Road  
St. Paul, Minnesota 55119

Mr. Jeff Cole, Auditor/Treasurer  
Goodhue County Courthouse  
Box 408  
Red Wing, Minnesota 55066-0408

Commissioner  
Minnesota Pollution Control Agency  
520 Lafayette Road  
St. Paul, Minnesota 55119

Site Licensing  
Prairie Island Nuclear Generating  
Plant  
Northern States Power Company  
1717 Wakonade Drive East  
Welch, Minnesota 55089

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Commissioner of Health  
Minnesota Department of Health  
717 Delaware Street, S. E.  
Minneapolis, Minnesota 55440

Darla Groshens, Auditor/Treasurer  
Wright County Government Center  
10 NW Second Street  
Buffalo, Minnesota 55313

MEETING ATTENDEES

<u>Name</u>	<u>Organization</u>
B. Wetzel	NRC
T. Kim	NRC
C. Grimes	NRC
R. Anderson	NSP
G. Eckholt	NSP
S. Shirey	NSP
D. Vincent	NSP
T. Malanowski	WEPCo


# NSP ITS Conversion

## NSP ITS CONVERSION NRC Presentation

Prairie Island  
Monticello

December 12, 1995


MSP ITS Conversion



## Prairie Island Conversion

- Background
- Reference Standard
- Submittal Contents
- Electronic Platform
- Parallel Submittals
- Schedule


MSP ITS Conversion



## Background

- Current Technical Specifications working well
- Assessment of ITS conversion
- Conversion provides marginal economic benefit

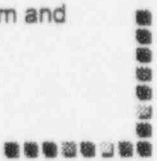
MSP ITS Conversion



## Reference Standard - PI

- Ginna ITS would be PI Standard
  - Two loop plant issues resolved
  - Relay logic issues resolved
  - Similar vintage plant
- Specify PI unique plant system and commitments

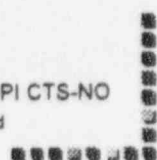
MSP ITS Conversion



## Justification Logic

- Simplified Truth Table for Specifications
  - Ginna ITS-YES, PI CTS-NO
    - PI ITS include, OR
    - Justify exclusion
  - Ginna ITS-NO, PI CTS-YES
    - PI ITS include, OR
    - Justify exclusion
  - NUREG-YES, Ginna ITS-NO, PI CTS-NO
    - Exclude, no justification provided

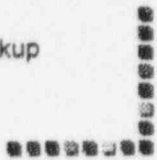
MSP ITS Conversion



## Submittal Contents

- Justification, Safety Evaluation, Significant Hazards Determination (Exhibit A)
- PI Current TS Markup (Exhibit B)
- PI Improved TS (Exhibit C)
- Reference Standard ITS Markup (Exhibit D)

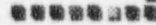
MSP ITS Conversion



### Electronic Platform

- Propose to use Microsoft Word
  - Exhibit A (Justification, Safety Evaluation, Significant Hazards Determination)
  - Exhibit C (PI Improved Technical Specifications)

NSP ITS Conversion



### Parallel Submittals -PI

- Administrative Controls, Chapter 6
- Appendix J Performance Bases Testing
- 24 Month Refueling Cycle
- Boric Acid Reduction
- Instrument Error Reduction Power Uprate

NSP ITS Conversion



### Schedule - PI

- Start date - April 1, 1996
- Submittal date - June 1997
- Projected approval - February 1998
- Plant procedure revision parallel with NRC review
- Final training after approval

NSP ITS Conversion



## MONTICELLO PRESENTATION

NSP ITS Conversion



### Reference Standard - Monticello

- Use plant most similar to Monticello
- Undetermined who as of yet

NSP ITS Conversion



### Markup Methodology

- "Monticello Method"
- Goals:
  - Maintain same quality output
  - Minimize markup and discussion
  - "Big picture method"
- Mainly markup NUREG, not CTS
- Keep NSHC
- Delete separate discussion section

NSP ITS Conversion



### More " Monticello Method"

- Change Categories:
  - A Most not discussed
  - B and P Just give information, no discussion
  - R Minimal discussion
  - L and M Discussion as required

NSP ITS Conversion



### Parallel Submittals-Monticello

- Containment Systems (8/15/95 and 11/15/95)
  - Appendix J, Option B
  - MSIV Leakage Limits
- Change in Ownership License (12/6/95)
- STI/AOT (7/5/95)
- "T-Seals" (12/11/95)

NSP ITS Conversion



### Schedule - Monticello

- Start date - June 1, 1996
- Submittal - August, 1997
- Project approval April 1998
- Plant procedure revision parallel with NRC review
- Final training after approval

NSP ITS Conversion



### Discussion

- Technical Issues
- Questions

NSP ITS Conversion



ACT. ID	EARLY START	EARLY FINISH	REM DUR	1995												1996												1997												1998											
				NOV			DEC			JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC	JAN		FEB		MAR		APR	
				NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR																		
IT01	15NOV95	14NOV95	0	◆PRELIMINARY ACTIVITIES																																															
IT03	15NOV95	9JAN96	40	■ DRAFT PI ITS																																															
IT02	8JAN96	16FEB96	30	■ UNIT 1 OUTAGE 1996																																															
IT04	19FEB96	12APR96	40	■ FAMILIARIZATION TRAINING																																															
IT05	1APR96	29MAR96	0	◆PROJECT START																																															
HA07	1APR96	17MAY96	35	■ 1.0 DEFINITIONS																																															
HA09	8APR96	24MAY96	35	■ 2.0 SAFETY LIMITS																																															
HA11	15APR96	7JUN96	40	■ 3.0 CONDITIONS																																															
HA17	29APR96	23AUG96	85	■ 3.3 INSTRUMENTATION																																															
HA19	8JUL96	6SEP96	45	■ 3.4 RCS SYSTEM																																															
HA21	29JUL96	40OCT96	50	■ 3.5 ECCS SYSTEM																																															
HA24	26AUG96	1NOV96	50	■ 3.6 CONTAINMENT																																															
HA13	23SEP96	22NOV96	45	■ 3.1 REACTIVITY																																															
HA15	14OCT96	6DEC96	40	■ 3.2 POWER DISTRIBUTION																																															
HA26	28OCT96	3JAN97	50	■ 3.7 PLANT SYSTEMS																																															
HA28	25NOV96	18APR97	105	■ 3.8 ELECTRICAL SYSTEMS																																															
IT30	6JAN97	14FEB97	30	■ UNIT 2 OUTAGE 1997																																															
HA32	17FEB97	18APR97	45	■ 3.9 REFUELING OPERATIONS																																															
HA34	10MAR97	2MAY97	40	■ 4.0 DESIGN FEATURES																																															
HA37	24MAR97	25APR97	25	■ 5.0 ADMINISTRATIVE CONTROLS																																															
IT39	28APR97	2MAY97	5	■ ASSEMBLE PACKAGE																																															
IT40	5MAY97	13JUN97	30	■ REVIEW PACKAGE																																															
IT41	16JUN97	20JUN97	5	■ SUBMIT TO NRC																																															
IT42	23JUN97	30JAN98	160	NRC REVIEW/APPROVAL																																															
IT44	23JUN97	24APR98	220	REVISE PLANT PROCEDURES																																															
IT42A	2FEB98	30JAN98	0	NRC APPROVAL																																															
IT48	2FEB98	24APR98	60	FINAL PI ITS TRAINING																																															
IT48	2FEB98	30APR98	64	IMPLEMENT PI ITS																																															

Plot Date 20NOV98  
 Data Date 0NOV98  
 Project Start 1SEP95  
 Project Finish 1JUL98

Activity Control  
 Critical Activity  
 Progress  
 Milestone/Flag Activity

NORTHERN STATES POWER COMPANY  
 IMPROVED TECH SPEC CONVERSION  
 SUMMARY SCHEDULE

TERRY McDANIEL X4870

Date	Revision	Checked	Approved