



L-PI-09-115

October 27, 2009

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Prairie Island Nuclear Generating Plant Units 1 and 2
Dockets 50-282 and 50-306
License Nos. DPR-42 and DPR-60

RADTRAD and ARCON96 Input and Output Files in Support of License Amendment Request (LAR) to Adopt the Alternative Source Term Methodology

References:

1. Xcel Energy Letter to US NRC, "License Amendment Request to Adopt the Alternative Source Term Methodology", dated October 27, 2009

In Reference 1, the Northern States Power Company, a Minnesota corporation (NSPM), doing business as Xcel Energy, requested Nuclear Regulatory Commission (NRC) review and approval of proposed revisions to the licensing basis of the PINGP that supports a full scope application of an Alternative Source Term (AST) methodology.

The letter provides the RADTRAD and ARCON96 input and output files intended to facilitate the NRC staff review of the PINGP AST LAR (Reference 1). Enclosure 1 provides a DVD containing the electronic files. Attachment 1 provides a list of files contained on the enclosed DVD. All files are publically available.

The file format and names on the enclosed DVD do not comply with the requirements for electronic submission in NRC Guidance Document, "Guidance for Electronic Submissions to the NRC," dated November 20, 2007. Specifically, the files are not "*.pdf" formatted. The files are being submitted in their native formats required by the software in which they are utilized to support the NRC Staff's review of Reference 1.

If there are any questions or if additional information is needed, please contact Ms. Amy Hazelhoff, at 269-370-7445.

ADD
NRR

Summary of Commitments

This submittal does not contain any new commitments and no revisions to existing commitments.



Mark Schimmel
Site Vice President, Prairie Island Nuclear Generating Plant Units 1 and 2
Northern States Power Company - Minnesota

Enclosure:

1. DVD Containing Requested Electronic Files

Attachments:

1. List of Electronic Files Contained on Enclosed DVD

cc: Administrator, Region III, USNRC
Project Manager, Prairie Island, USNRC
Resident Inspector, Prairie Island, USNRC
State of Minnesota

Directory of AST LAR

10/08/2009	02:01 PM	<DIR>	.
10/08/2009	02:01 PM	<DIR>	..
10/08/2009	01:01 PM	<DIR>	GEN-PI-077-FHA
10/08/2009	01:01 PM	<DIR>	GEN-PI-078-MSLB
10/08/2009	01:01 PM	<DIR>	GEN-PI-079-LOCA
10/08/2009	01:01 PM	<DIR>	GEN-PI-081-SGTR
10/08/2009	01:01 PM	<DIR>	GEN-PI-082-CREA
10/08/2009	01:01 PM	<DIR>	GEN-PI-083-LRA
10/08/2009	01:01 PM	<DIR>	GEN-PI-087-HLD
		0 File(s)	0 bytes

Directory of AST LAR\GEN-PI-077-FHA

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
09/19/2009	03:06 PM		41,596 PI300FHA00.o0
09/19/2009	03:06 PM		3,571 PI300FHA00.psf
09/19/2009	03:07 PM		8,851 PIFHA_def.txt
09/19/2009	03:07 PM		49,933 PIFHA_FG11&12.txt
09/19/2009	03:07 PM		871 PIFHA_rft.txt
		5 File(s)	104,822 bytes

Directory of AST LAR\GEN-PI-078-MSLB

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
09/19/2009	03:08 PM		8,827 PIMSCONC_def.txt
09/19/2009	03:08 PM		8,845 PIMSLIQ_Iodine_def.txt
09/19/2009	03:08 PM		8,829 PIMSPRE_def.txt
09/19/2009	03:08 PM		49,933 PINGP_FG11&12.txt
09/19/2009	03:08 PM		869 PINGP_Iodine_RFT.txt
09/19/2009	03:08 PM		872 PINGP_NG_RFT.txt
09/19/2009	03:07 PM		49,600 PMSFCI01.o0
09/19/2009	03:07 PM		4,906 PMSFCI01.psf
09/19/2009	03:07 PM		44,026 PMSFCNG01.o0
09/19/2009	03:07 PM		3,993 PMSFCNG01.psf
09/19/2009	03:07 PM		39,160 PMSFPDLI01.o0
09/19/2009	03:07 PM		3,593 PMSFPDLI01.psf
09/19/2009	03:07 PM		47,413 PMSFPI01.o0
09/19/2009	03:07 PM		4,493 PMSFPI01.psf
09/19/2009	03:07 PM		41,678 PMSFPNG01.o0
09/19/2009	03:07 PM		3,579 PMSFPNG01.psf
09/19/2009	03:07 PM		48,543 PMSINCI00.o0
09/19/2009	03:07 PM		4,632 PMSINCI00.psf
09/19/2009	03:07 PM		44,072 PMSINCNG00.o0
09/19/2009	03:08 PM		3,966 PMSINCNG00.psf
09/19/2009	03:08 PM		46,854 PMSINPI00.o0
09/19/2009	03:08 PM		4,284 PMSINPI00.psf
09/19/2009	03:08 PM		43,304 PMSINPLI00.o0
09/19/2009	03:08 PM		3,819 PMSINPLI00.psf
09/19/2009	03:07 PM		41,723 PMSINPNG00.o0
09/19/2009	03:07 PM		3,551 PMSINPNG00.psf
		26 File(s)	565,364 bytes

Directory of AST LAR\GEN-PI-079-LOCA

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
10/04/2009	08:21 PM		136,692 CUTOFF.o0
10/04/2009	08:21 PM		6,101 CUTOFF.psf
10/04/2009	08:21 PM		49,829 Fgr11&12.inp
10/04/2009	08:21 PM		93,898 PI250CL00.o0
10/04/2009	08:21 PM		6,022 PI250CL00.psf
10/04/2009	08:21 PM		50,526 PI250ES00.o0

10/04/2009	08:21 PM	3,864	PI250ES00.psf
10/04/2009	08:21 PM	44,647	PI250RW00.o0
10/04/2009	08:21 PM	4,156	PI250RW00.psf
10/04/2009	08:21 PM	8,776	PINGP_DEF.nif
10/04/2009	08:21 PM	35,610	PISEMICL01.o0
10/04/2009	08:21 PM	5,137	PISEMICL01.psf
10/04/2009	08:21 PM	22,431	PISEMIES01.o0
10/04/2009	08:21 PM	3,080	PISEMIES01.psf
10/04/2009	08:21 PM	824	PWR_DBA.RFT
	15 File(s)	471,593	bytes

Directory of AST LAR\GEN-PI-081-SGTR

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
09/19/2009	03:10 PM	49,933	PINGP_FG11&12.txt
09/19/2009	03:10 PM	869	PINGP_Iodine_RFT.txt
09/19/2009	03:10 PM	872	PINGP_NG_RFT.txt
09/19/2009	03:10 PM	8,827	PISGRCONC_def.txt
09/19/2009	03:10 PM	54,363	PSGTRCID02.o0
09/19/2009	03:10 PM	5,537	PSGTRCID02.psf
09/19/2009	03:10 PM	47,474	PSGTRCNG02.o0
09/19/2009	03:10 PM	4,119	PSGTRCNG02.psf
09/19/2009	03:10 PM	8,834	PSGTRLIQ_Iodine_def.txt
09/19/2009	03:10 PM	52,046	PSGTRPID02.o0
09/19/2009	03:10 PM	4,991	PSGTRPID02.psf
09/19/2009	03:10 PM	45,798	PSGTRPLID02.o0
09/19/2009	03:10 PM	3,809	PSGTRPLID02.psf
09/19/2009	03:10 PM	44,922	PSGTRPNG02.o0
09/19/2009	03:10 PM	3,629	PSGTRPNG02.psf
09/19/2009	03:10 PM	8,829	PSGTRPRE_def.txt
	16 File(s)	344,852	bytes

Directory of AST LAR\GEN-PI-082-CREA

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
10/04/2009	08:22 PM	49,933	PINGP_FG11&12.txt
10/04/2009	08:22 PM	869	PINGP_Iodine_RFT.txt
10/04/2009	08:22 PM	872	PINGP_NG_RFT.txt
10/04/2009	08:22 PM	64,512	PIREACL00.o0
10/04/2009	08:22 PM	5,910	PIREACL00.psf
10/04/2009	08:22 PM	8,850	PIREACNT_def.txt
10/04/2009	08:22 PM	8,844	PIREARCS_def.txt
10/04/2009	08:22 PM	8,871	PIREA_Liq_def.txt
10/04/2009	08:22 PM	868	PIREA_RFT.txt
10/04/2009	08:22 PM	41,848	PRAING00.o0
10/04/2009	08:22 PM	3,532	PRAING00.psf
10/04/2009	08:22 PM	46,388	PRAINID00.o0
10/04/2009	08:22 PM	4,177	PRAINID00.psf
10/04/2009	08:22 PM	43,239	PRAINLQ00.o0
10/04/2009	08:22 PM	3,759	PRAINLQ00.psf
	15 File(s)	292,472	bytes

Directory of AST LAR\GEN-PI-083-LRA

10/08/2009	01:01 PM	<DIR>	.
10/08/2009	01:01 PM	<DIR>	..
09/19/2009	03:12 PM	41,278	PLRAING01.o0
09/19/2009	03:12 PM	3,535	PLRAING01.psf
09/19/2009	03:12 PM	43,239	PLRAINLQ01.o0
09/19/2009	03:12 PM	3,759	PLRAINLQ01.psf
09/19/2009	03:12 PM	46,392	PLRINID01.o0
09/19/2009	03:12 PM	4,179	PLRINID01.psf
10/08/2009	01:01 PM	<DIR>	Radtrad Files GEN-PI-082
	6 File(s)	142,382	bytes

Directory of AST LAR\GEN-PI-083-LRA\Radtrad Files GEN-PI-082

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09/19/2009	03:12	PM		3,532 PREAING00.psf
09/19/2009	03:12	PM		46,388 PREAINID00.o0
09/19/2009	03:12	PM		4,177 PREAINID00.psf
09/19/2009	03:12	PM		43,239 PREAINLQ00.o0
09/19/2009	03:12	PM		3,759 PREAINLQ00.psf
			8 File(s)	213,365 bytes

Directory of AST LAR\GEN-PI-087-HLD

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09/19/2009	03:13	PM		8,848 PFHAHLD_def.txt
09/19/2009	03:13	PM		40,688 PI300HLD00.o0.o0
09/19/2009	03:13	PM		3,597 PI300HLD00.psf
09/19/2009	03:13	PM		49,933 PIFHA_FG11&12.txt
09/19/2009	03:13	PM		871 PIFHA_rft.txt
			5 File(s)	103,937 bytes

Total Files Listed:
96 File(s) 2,238,787 bytes
26 Dir(s) 130,336,116,736 bytes free



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