

SEP 16 1977

Docket No. 50-263

Northern States Power Company
ATTN: Mr. L. O. Mayer, Manager
Nuclear Support Services
414 Nicollet Mall - 8th Floor
Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued the enclosed Amendment No. 29 to Provisional Operating License No. DPR-22 for the Monticello Nuclear Generating Plant in response to your request dated August 9, 1977.

This amendment revises the provisions in the Technical Specifications relating to the radiation environmental monitoring program.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. The amendment applies to the clam sampling program. The clam sampling program is being deleted because in eight years of sampling, extensive searching for clams has met with little success. Monticello Nuclear Generating Plant's radiation monitoring program will be adequate to protect the health and safety of the general public even though the clam sampling program is deleted. We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR § 51.5(d)(4) that an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since the amendment applies only to administrative details and to the sampling program, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

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SEP 16 1977

A copy of the related Federal Register Notice is also enclosed.

Sincerely,

Original signed by
 Wm. H. Regan, Jr.
 Wm. H. Regan, Jr., Chief
 Environmental Projects Branch 2
 Division of Site Safety and
 Environmental Analysis

Enclosure:

1. Amendment No. 29
 to DPR-22
2. F.R. Notice

cc w/encl: See next page

bcc: J. R. Buchanan, ORNL
 T. B. Abernathy, DTIE
 A. Rosenthal, ASLAB
 J. Yore, ASLBP

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- R. Diggs
- N. Dube (w/o encl)
- C. Heltemes, QA
- B. Scott (w/o encl)
- S. Varga
- A. Steen
- B. Scharf (15 cys)
- Attorney, OELD
- DSE Reading
- EP-2 Reading
- I. Nelson, ANL
- ORB-2 Gray File

ORB-2 LA

ORB-2 BC

cp for Diggs
 9/6/77

for DK David
 9/7/77

subject to additional sentence

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on p. 1, Singh to get back to Steve Lewis

SEP 16 1977

cc w/enclosure:

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Minneapolis, Minnesota 55401

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Secretary and Executive Officer
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Chief, Energy Systems Analysis
Branch
Office of Radiation Programs
Environmental Protection Agency
Rm. 645, East
401 M Street, S. W.
Washington, D. C. 20460

★ Ada in a sentence explaining that the amendment is being granted because the Licensee hasn't found any clams out there.

Docket No. 50-263

Northern States Power Company
 ATTN: Mr. L. O. Mayer, Manager
 Nuclear Support Services
 414 Nicollet Mall - 8th Floor
 Minneapolis, Minnesota 55401

Gentlemen:

The Commission has issued the enclosed Amendment No. to Provisional Operating License No. DPR-22 for the Monticello Nuclear Generating Plant in response to your request dated August 9, 1977.

This amendment revises the provisions in the Technical Specifications relating to the radiation environmental monitoring program.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. The amendment applies to the clam sampling program. ★ We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR § 51.5(d)(4) that an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since the amendment applies only to administrative details and to the sampling program, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

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NORTHERN STATES POWER COMPANY

DOCKET NO. 50-263

MONTICELLO NUCLEAR GENERATING STATION

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 29
License No. DPR-22

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Northern States Power Company (the licensee) dated August 9, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
 - E. After weighing the environmental aspects involved, the issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility License No. DPR-22 is hereby amended to read as follows:

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"B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 29, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications."

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

s/v. Moore

Voss Moore, Assistant Director
for Environmental Projects
Division of Site Safety and
Environmental Analysis

Attachment:
Changes to the Technical
Specifications

Date of issuance: September 16, 1977

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cp for Diags

9/6/77

ORB-2 BC

for DK Davis

9/7/77

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DATE >	9/2/77	9/6/77	9/6/77	9/7/77	9/13/77	9/14/77

ATTACHMENT TO LICENSE AMENDMENT NO.29

PROVISIONAL OPERATING LICENSE NO. DPR-22

DOCKET NO. 50-263

Replace the existing pages of the Technical Specifications listed below with the attached revised pages bearing the same numbers, except as otherwise noted. Changed areas on these pages are shown by marginal lines:

Pages	iv
	vii
	ix
	168
	170
	173
	174 (removed)

3.7 and 4.7 Containment Systems	139
A. Primary Containment	139
B. Standby Gas Treatment System	148
C. Secondary Containment	150
D. Primary Containment Isolation Valves	151
3.7 Bases	156
4.7 Bases	161
3.8 and 4.8 Radiation Environmental Monitoring Program	168
3.8 and 4.8 Bases	175
3.9 and 4.9 Auxiliary Electrical Systems	180
A. Operational Requirements for Startup	180
B. Operational Requirements for Continued Operation	181
1. Offsite Power (Line)	181
2. Offsite Power (Transformers)	182

LIST OF FIGURES

<u>Figure No.</u>		<u>Page No.</u>
2.1-1	Deleted	
2.3.1	APRM Flow Referenced Scram and Rod Block Trip Settings	
2.3.2	Relationship Between Peak Heat Flux and Power for Peaking Factor of 3.08	12
4.1.1	'M' Factor - Graphical Aid in the Selection of an Adequate Interval Between Tests	46
4.2.1	System Unavailability	74
3.4.1	Sodium Pentaborate Solution Volume - Concentration Requirements	92
3.4.2	Sodium Pentaborate Solution Temperature Requirements	93
3.6.1	Change in Charpy V Transition Temperature versus Neutron Exposure	122
3.6.2	Minimum Temperature versus Pressure for Pressure Tests	122A
3.6.3	Minimum Temperature versus Pressure for Mechanical Heatup or Cooldown Following Nuclear Shutdown	122B
3.6.4	Minimum Temperature versus Pressure for Core Operation	122C
4.6.1	Deleted	
4.6.2	Chloride Stress Corrosion Test Results @ 500°F	123
4.8.1	Sampling Locations - Radiation Environmental Monitoring Program	173
3.11.1-A	Maximum Average Linear Heat Generation Rate versus Planar Average Exposure Monticello 8D219 Fuel	189H
3.11.1-B	Maximum Average Linear Heat Generation Rate versus Planar Average Exposure Monticello 7D230 Fuel	189I

LIST OF TABLES

3.1.1	Reactor Protection System (Scram) Instrument Requirements	30
4.1.1	Scram Instrument Functional Tests - Minimum Functional Test Frequencies for Safety Instrumentation and Control Circuits	34
4.1.2	Scram Instrument Calibration - Minimum Calibration Frequencies for Reactor Protection Instrument Channels	36
3.2.1	Instrumentation that Initiates Primary Containment Isolation Functions	50
3.2.2	Instrumentation that Initiates Emergency Core Cooling Systems	53
3.2.3	Instrumentation that Initiates Rod Block	57
3.2.4	Instrumentation that Initiates Reactor Building Ventilation Isolation and Standby Gas Treatment System Initiation	60
3.2.5	Trip Functions and Deviations	69
4.2.1	Minimum Test and Calibration Frequency For Core Cooling, Rod Block and Isolation Instrumentation	61
3.6.1	Safety Related Hydraulic Snubbers	121B
4.6.1	In-Service Inspection Requirements for Monticello	124
3.7.1	Primary Containment Isolation	153
4.8.1	Sample Collection and Analysis - Monticello Nuclear Generating Plant - Radiation Environmental Monitoring Program	169
6.5.1	Protection Factors for Respirators	206

3.0 LIMITING CONDITIONS FOR OPERATION

4.0 SURVEILLANCE REQUIREMENTS

4.8 Radiation Environmental Monitoring Program

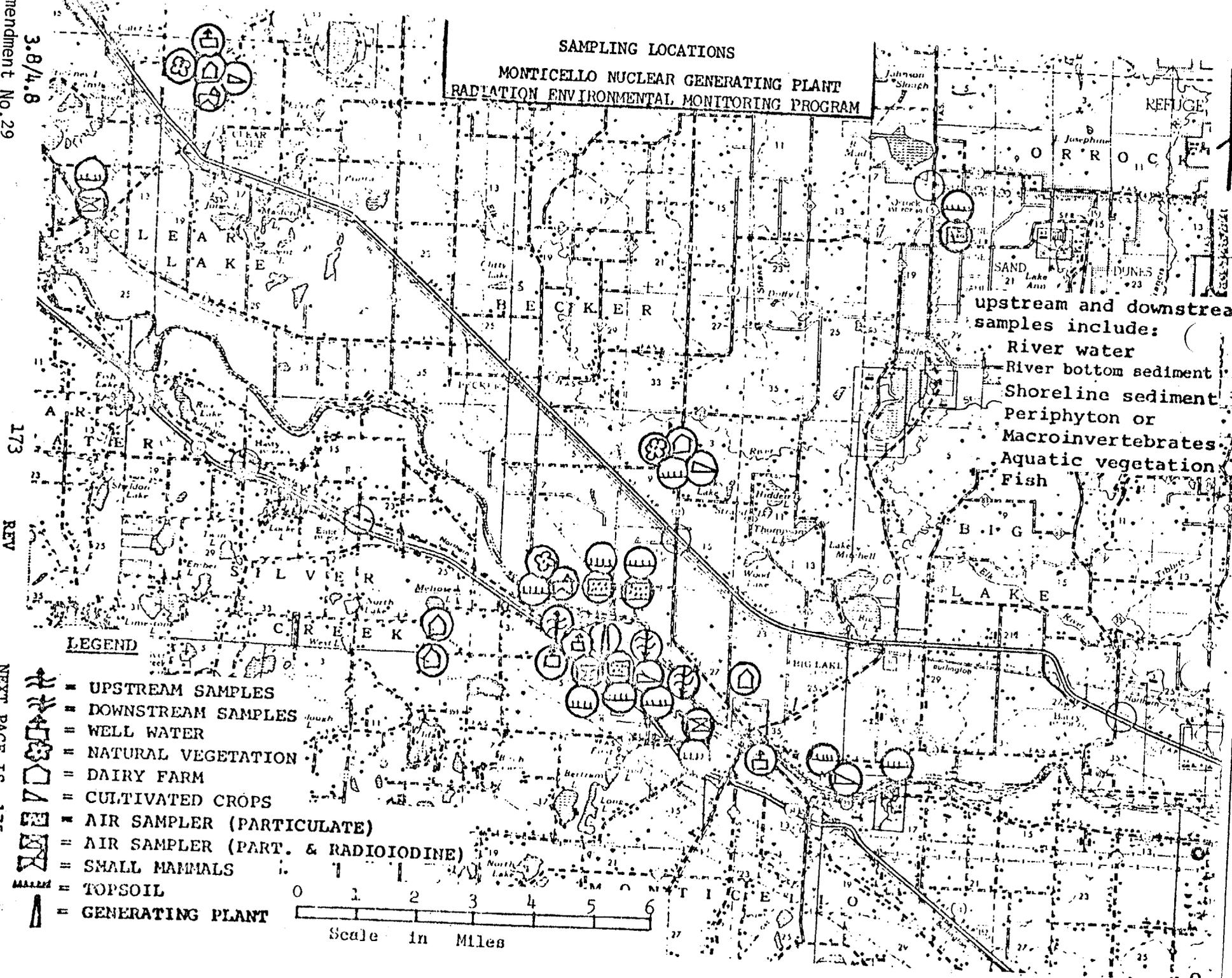
The radiation environmental monitoring program given in Table 4.8.1 shall be conducted.

TABLE 4.8.1
(Page 2 of 4)

<u>Type of Sample</u>	<u>Type of Analysis</u>	<u>Collection Site</u>	<u>Collection Frequency</u>
Aquatic Vegetation	GS	1 Sample upstream of plant 1 Sample downstream of plant	Semi-annually (when available)
Fish (1 sample each of two game specie)	GS	2 Samples upstream of plant 2 Samples downstream of plant	Semi-annually (when available, water & ice conditions permit)
Milk	^{131}I , ^{137}Cs ,* $^{89,90}\text{Sr}$ *	1 Sample at the offsite dairy farm having the highest X/Q 3 Samples from dairy farms calc- ulated to have doses from ^{131}I > 1 mrem./yr 1 Sample from 10-20 mile location	Monthly
Topsoil	GS, ^{90}Sr	From the 7 air sampling locations, and from 5 fields in the vicinity of the plant, including at least 2 fields irrigated with river water downstream of the plant.	Once every 3 years
Natural Vegetation	GS, ^{131}I	1 Sample from field having highest X/Q (same as for milk) 1 Sample from a field northwest of the plant (within 2 miles) 1 Sample from 10-20 mile location (Same as for milk)	Semi-annually

*Performed only on X/Q and Control Samples

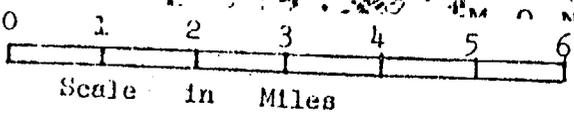
SAMPLING LOCATIONS
MONTICELLO NUCLEAR GENERATING PLANT
RADIATION ENVIRONMENTAL MONITORING PROGRAM



upstream and downstream samples include:
 River water
 River bottom sediment
 Shoreline sediment
 Periphyton or Macroinvertebrates
 Aquatic vegetation
 Fish

LEGEND

- = UPSTREAM SAMPLES
- = DOWNSTREAM SAMPLES
- = WELL WATER
- = NATURAL VEGETATION
- = DAIRY FARM
- = CULTIVATED CROPS
- = AIR SAMPLER (PARTICULATE)
- = AIR SAMPLER (PART. & RADIOIODINE)
- = SMALL MAMMALS
- = TOPSOIL
- = GENERATING PLANT



173
 REV

NEXT PAGE IS 175

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-263

NORTHERN STATES POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL
OPERATING LICENSE

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 29 to Provisional Operating License No. DPR-22 issued to Northern States Power Company (the licensee) which revised Technical Specifications for operation of the Monticello Nuclear Generating Plant (the facility), located in Wright County, Minnesota. The amendment is effective as of its date of issuance.

The amendment permits elimination of clam sampling from the Radiation Environmental Monitoring Program.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to

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10 CFR §51.5(d)(4) an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated August 9, 1977 and (2) Amendment No. 29 to License No. DPR-22. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and at the Environmental Conservation Library, Minneapolis Public Library, 300 Nicollet Mall, Minneapolis, Minnesota.

A copy of item (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Maryland, this 16th day of September 1977.

FOR THE NUCLEAR REGULATORY COMMISSION

*Original signed by
Wm. H. Regan, Jr.*

Wm. H. Regan, Jr., Chief
Environmental Projects Branch 2
Division of Site Safety and
Environmental Analysis

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cp for design
9/6/77

ORB-2 BC
for DK Burns
9/7/77

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SURNAME >	MDuncan:sl	SBajwa <i>[Signature]</i>	RSnaider	S.H. Lewis	WRegan <i>[Signature]</i>
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