SEP 2 3 1976

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Docket Nos. 50-266
and 50-301

Wisconsin Electric Power Company
Wisconsin Michigan Power Company
ATTN: Mr. Sol Burstein
Executive Vice President
231 West Michigan Street
Milwaukee, Wisconsin 53201

Gentlemen:

The Commission has issued the enclosed Amendments Nos. 20 and 25 to Facility Operating Licenses Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Units Nos. 1 and 2. The amendments consist of changes to the Technical Specifications and are in accordance with your application dated October 10, 1975 and supplements dated July 12 and August 12, 1976.

These amendments consist of changes in the Technical Specifications that will revise the operational radiological environmental monitoring program. Since your current program is contained in Appendix A of your Technical Specifications, we have retained your revised program in Appendix A for the time being. At some time in the near future, after we complete our review of your June 4, 1976 submittal relating to the requirements of 10 CFR 50, Appendix I, we will require that you delete the radiological environmental monitoring program from Appendix A and incorporate it into Appendix B of your Technical Specifications.

Copies of the related Safety Evaluation and the Federal Register Notice also are enclosed.

Sincerely,

Original signed by

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Enclosures and ccs:
See next page

ORB #3
CParrish
9/ /76

OFFICE ➤	ORB #3	DOR	OELD	ORB #3		
SURNAME ➤	JWetmore:mjf	BGrimes		GLear		
DATE ➤	9/ /76	9/ /76	9/ /76	9/ /76		

Form AEC-318 (Rev. 9-53) AECM 0240 ☆ U. S. GOVERNMENT PRINTING OFFICE: 1974-526-166

SEP 2 3 1976

Enclosures:
1. Amendment No. 20 to License DPR-24
2. Amendment No. 25 to License DPR-27
3. Safety Evaluation
4. Federal Register Notice

cc: Mr. Bruce Churchill, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Mr. Norman Clap, Chairman
Public Service Commission
of Wisconsin
Hill Farms State Office Building
Madison, Wisconsin 53702

Mr. Arthur M. Fish
Document Department
University of Wisconsin -
Stevens Point Library
Stevens Point, Wisconsin 54481

Wisconsin Electric Power Company
ATTN: Mr. Glen Reed
Plant Superintendent
Point Beach Plant
231 West Michigan Street
Milwaukee, Wisconsin 53201

OFFICE ➤						
SURNAME ➤						
DATE ➤						

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

WISCONSIN ELECTRIC POWER COMPANY
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-266

POINT BEACH NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 20
License No. DPR-24

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Wisconsin Electric Power Company and Wisconsin Michigan Power Company (the licensees) dated October 10, 1975 and supplements dated July 12 and August 12, 1976 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 (1) 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 with the Comisssion'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; and

   E. 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 a change to the Technical Specifications as indicated in the attachment to this license amendment.

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

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Change to the Technical
Specifications

Date of Issuance: September 23, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 20

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-24

DOCKET NO. 50-266

Replace pages 15.4.10-1 and 15.4.10-2 with the attached revised pages. Add Table 15.4.10-1 (Page 1 of 2 and Page 2 of 2) and Table 15.4.10-2 (Page 1 of 2 and Page 2 of 2), and Figure 15.4.10-1.

15.4.10 OPERATIONAL ENVIRONMENTAL MONITORING

Applicability

This section applies to operational environmental radioactivity monitoring and sampling.

Objective

To verify that plant operations have no significant radiological effect on the environment.

Specification

1. Environmental samples shall be taken at locations indicated in Figures 15.4.10-1, according to the schedule given in Table 15.4.10-1 and the analytical criteria given in Table 15.4.10-2.
2. The milk sampling program shall be reviewed annually, including a visual verification of animal grazing in the vicinity of the site boundary, to ensure that sampling locations remain as conservative as practicable.
3. If a measured level of radioactivity in any environmental medium exceeds the "notification level" shown in Table 15.4.10-2, resampling and/or reanalysis for confirmation shall be completed within 30 days of the determination of the anomalous result. If the confirmed measured level of radioactivity remains above the notification level, a written report shall be submitted to the Director of the NRC Regional Office, with a copy to the Director, Office of Nuclear Reactor Regulation, within 2 weeks of the confirmation. However, levels of radioactivity less than 10 times those for similar sample types obtained from the reference location shall not be included in this requirement. Additionally, naturally occurring nuclides, such as Be-7, K-40, radium and its daughters, and thorium and its daughters, shall not be included in this requirement.

Basis

The operational environmental monitoring program as outlined in Table 15.4.10-1 provides sufficient sample types and locations to detect and evaluate changes (if any) in environmental radioactivity due to releases from the plant. Since plant radioactivity releases are continuously monitored and recorded, the need for environmental monitoring is limited.

Since land in the area of Point Beach Nuclear Plant is primarily used for farming and dairy operations, environmental sampling of soil and vegetation will detect changes in radiological conditions at the base of the food chain for land animals. Since dairy farming is a major industry in the area, sampling of area-produced milk is carried out in addition to soil and vegetation.

Algae, at the base of the food chain for fish life, is relatively stationary; and algae samples, along with lakewater and shoreline silt samples, provide means of detecting change (if any) in Lake Michigan fish life and the continuing state of evolution caused by introduction of new species, fish sampling is of minimal value. However, fish sampling is conservatively carried out, emphasizing species which are of intermediate trophic level and which exhibit minimal migration.

Air particulate samples and thermoluminescent dosimeters at various locations provide means of detecting significant changes in environmental radioactivity as a result of plant releases to the atmosphere. Vegetation, algae, and fish sampling frequencies are qualified on an "as available" basis recognizing that certain biological samples may occasionally be unavailable due to environmental conditions.

TABLE 15.4.10-1 - OPERATIONAL RADIOLOGICAL ENVIRONMENTAL MONITORING

Sample Type	Locations[a,c]	Frequency	Analysis	Comments
Vegetation	1-Reference (20) 4-Site Boundary (1,2,3,4,) 3-Within 5 miles (6,8,9)	3x/yr. as available	Gross Beta Gamma Scan	Vegetation samples are general grasses and weeds.
Shoreline Silt	1-Discharge Flume (12) 2-N of Discharge (5,9) 2-S of Discharge (1,6)	2x/yr.	Gross Beta Gamma Scan	-
Soil	1-Reference (20) 4-Site Boundary (1,2,3,4) 3-Within 5 miles (6,8,9)	2x/yr.	Gross Beta Gamma Scan	-
TLD's	1-Reference (20) 6-Site Boundary (1,2,3,4,14,15) 8-Within 5 miles (5,6,7,8,9, 16,17,18) 1-PBNP Pier (12) 1-Transportation Control	Quarterly	Gamma Dose	Control TLD is used for round trip transportation
Lake Water	1-Discharge Flume (12) 2-N of Discharge (5,9) 2-S of Discharge (1,6)	Monthly (Sample at flume is composited weekly for monthly analysis.)	Gross Beta-T.S.[b] Gamma Scan-T.S. Tritium Strontium-89 Strontium-90	Gross Beta and Gamma Scan done monthly on total solids; Tritium and Radiostrontium done quarterly on composites for each location.
Air Filters	1-Reference (20) 4-Site Boundary (1,2,3,4) 1-Within 5 miles (8)	Weekly	Gross Beta Radioiodine Gamma Scan	Gross Beta & Gamma Scans done weekly on particulate filters; Radioiodine done weekly on charcoal cannisters; gamma scan done quarterly on particulate filter composites for each location.

TABLE 15.4.10-1 (CONTINUED)

Sample Type	Locations[a,c]	Frequency	Analysis	Comments
Well Water	1-Onsite Well (10)	Quarterly	Gross Beta-T.S.[b] Gamma Scan T.S. Tritium Strontium-89 Strontium-90	Gross Beta and Gamma Scan done monthly on total solids; Tritium and Radiostrontium done quarterly on composites for each location.
Milk	1-Local dairy pool (11) 1-Dairy Farm, NNW (19) 1-Dairy Farm, SSE (21)	Monthly	Gamma Scan Radioiodine Strontium-89 Strontium-90	Radioiodine analysis done by the resin extraction technique.
Algae	1-North of Discharge (5) 1-Discharge of Flume (12)	3x/yr as available	Gross Beta Gamma Scan	-
Fish	1-Travelling screens (13)	3x/yr as available	Gross Beta Gamma Scan	Analysis of edible portions only.

(a) Reference location is chosen well in excess of 10 miles from the plant in a low X/Q sector to provide an estimate of background levels.

(b) T.S. - Total Solids

(c) Numbers given under location correspond to sampling locations shown in Figure 15.4.10-1.

TABLE 15.4.10-2 - RADIOLOGICAL ENVIRONMENTAL MONITORING ANALYSES

Sample Type	Analysis	Approximate LLD[a]	Notification Level
Vegetation	Gross Beta	1 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	100 pCi/gm dry for Cs-137, Ce-144, and Nb-95; 25 pCi/gm dry for others
Shoreline Silt	Gross Beta	2 pCi/gm dry	500 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	50 pCi/gm dry
Soil	Gross Beta	2 pCi/gm dry	500 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	50 pCi/gm dry
TLD's	Gamma Dose	1 mrem/TLD	20 mrem/wk
Lake Water	Gross Beta-T.S.[b]	1 pCi/l	250 pCi/l
	Gamma Scan-T.S.	10 pCi/l	100 pCi/l
	Tritium	0.5 pCi/ml	50 pCi/ml
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l
Air Filters	Gross Beta	0.01 pCi/m^3	1.0 pCi/m^3
	Radioiodine	0.03 pCi/m^3	1.0 pCi/m^3
	Gamma Scan	0.01 pCi/m^3	1.0 pCi/m^3
Well Water	Gross Beta-T.S.	1 pCi/l	250 pCi/l
	Gamma Scan-T.S.	10 pCi/l	100 pCi/l
	Tritium	0.5 pCi/ml	50 pCi/ml
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l
Milk	Gamma Scan	5 pCi/l	100 pCi/l for Cs-137; 50 pCi/l for others
	Radioiodine	0.5 pCi/l[c]	5 pCi/l
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l

TABLE 15.4.10-2 (CONTINUED)

Sample Type	Analysis	Approximate LLD[(a)]	Notification Level
Algae	Gross Beta	5 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	5 pCi/gm dry	25 pCi/gm dry
Fish	Gross Beta	1 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	25 pCi/gm dry

(a) LLD - Lower Limit of Detection; for gamma scans, the stated LLD applies to typical common nuclides, e.g., Cs-137, Co-60, etc.

(b) T.S. - Total Solids

(c) LLD for radioiodine in milk applies at the time of sample collection.

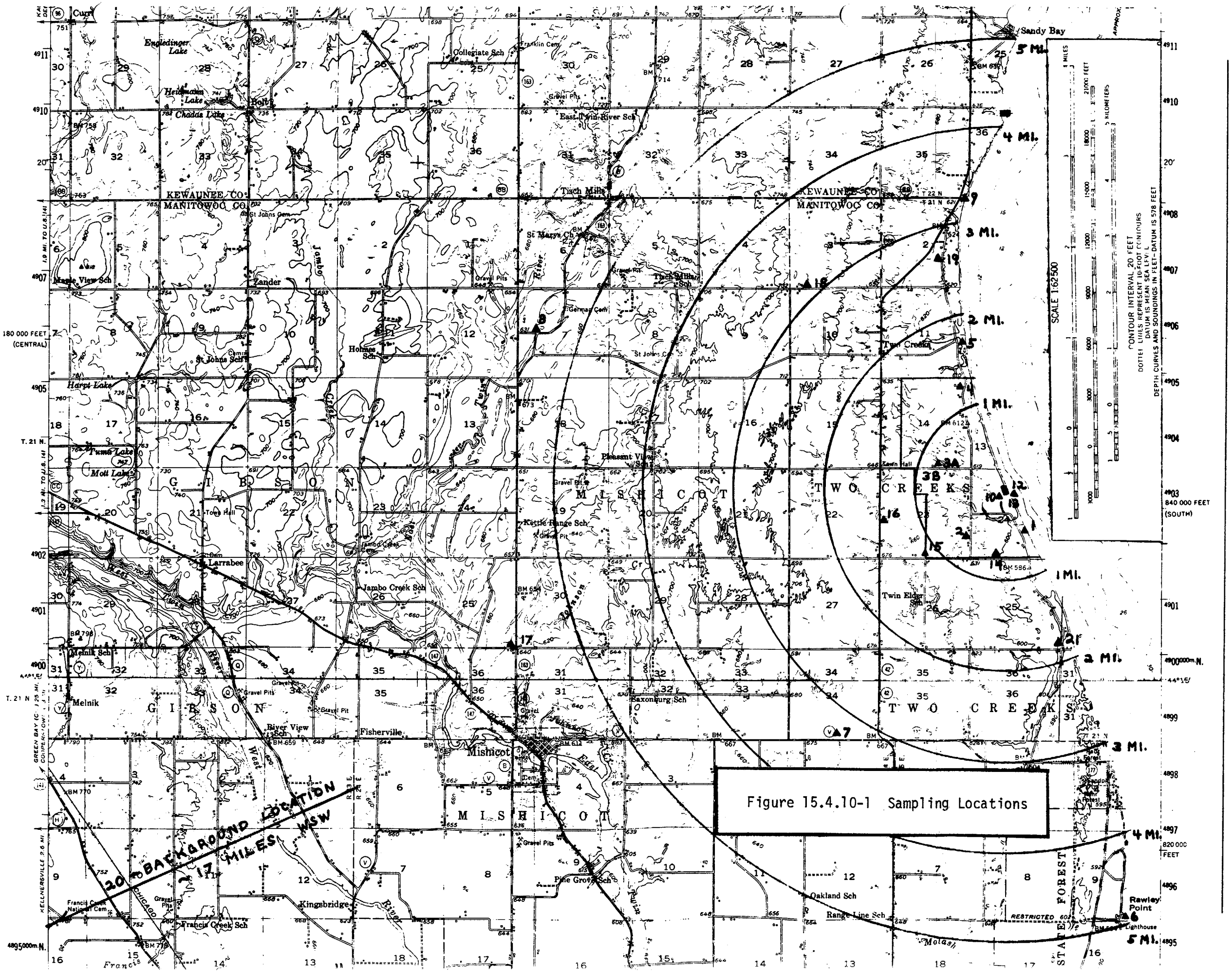

Figure 15.4.10-1 Sampling Locations

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

WISCONSIN ELECTRIC POWER COMPANY
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-301

POINT BEACH NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 25
License No. DPR-27

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Wisconsin Electric Power Company and Wisconsin Michigan Power Company (the licensees) dated October 10, 1975 and supplements dated July 12 and August 12, 1976 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; and

   E. 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 a change to the Technical Specifications as indicated in the attachment to this license amendment.

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

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Change to the Technical
Specifications

Date of Issuance: September 23, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 25

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-27

DOCKET NO. 50-301

Replace pages 15.4.10-1 and 15.4.10-2 with the attached revised pages. Add 15.4.10-1 (Page 1 of 2 and Page 2 of 2) and Table 15.4.10-2 (Page 1 of 2 and Page 2 of 2), and Figure 15.4.10-1.

15.4.10 OPERATIONAL ENVIRONMENTAL MONITORING

Applicability

This section applies to operational environmental radioactivity monitoring and sampling.

Objective

To verify that plant operations have no significant radiological effect on the environment.

Specification

1. Environmental samples shall be taken at locations indicated in Figures 15.4.10-1, according to the schedule given in Table 15.4.10-1 and the analytical criteria given in Table 15.4.10-2.
2. The milk sampling program shall be reviewed annually, including a visual verification of animal grazing in the vicinity of the site boundary, to ensure that sampling locations remain as conservative as practicable.
3. If a measured level of radioactivity in any environmental medium exceeds the "notification level" shown in Table 15.4.10-2, resampling and/or reanalysis for confirmation shall be completed within 30 days of the determination of the anomalous result. If the confirmed measured level of radioactivity remains above the notification level, a written report shall be submitted to the Director of the NRC Regional Office, with a copy to the Director, Office of Nuclear Reactor Regulation, within 2 weeks of the confirmation. However, levels of radioactivity less than 10 times those for similar sample types obtained from the reference location shall not be included in this requirement. Additionally, naturally occurring nuclides, such as Be-7, K-40, radium and its daughters, and thorium and its daughters, shall not be included in this requirement.

Basis

The operational environmental monitoring program as outlined in Table 15.4.10-1 provides sufficient sample types and locations to detect and evaluate changes (if any) in environmental radioactivity due to releases from the plant. Since plant radioactivity releases are continuously monitored and recorded, the need for environmental monitoring is limited.

Since land in the area of Point Beach Nuclear Plant is primarily used for farming and dairy operations, environmental sampling of soil and vegetation will detect changes in radiological conditions at the base of the food chain for land animals. Since dairy farming is a major industry in the area, sampling of area-produced milk is carried out in addition to soil and vegetation.

Algae, at the base of the food chain for fish life, is relatively stationary; and algae samples, along with lakewater and shoreline silt samples, provide means of detecting change (if any) in Lake Michigan fish life and the continuing state of evolution caused by introduction of new species, fish sampling is of minimal value. However, fish sampling is conservatively carried out, emphasizing species which are of intermediate trophic level and which exhibit minimal migration.

Air particulate samples and thermoluminescent dosimeters at various locations provide means of detecting significant changes in environmental radioactivity as a result of plant releases to the atmosphere. Vegetation, algae, and fish sampling frequencies are qualified on an "as available" basis recognizing that certain biological samples may occasionally be unavailable due to environmental conditions.

TABLE 15.4.10-1 - OPERATIONAL RADIOLOGICAL ENVIRONMENTAL MONITORING

Sample Type	Locations[a,c]	Frequency	Analysis	Comments
Vegetation	1-Reference (20) 4-Site Boundary (1,2,3,4,) 3-Within 5 miles (6,8,9)	3x/yr. as available	Gross Beta Gamma Scan	Vegetation samples are general grasses and weeds.
Shoreline Silt	1-Discharge Flume (12) 2-N of Discharge (5,9) 2-S of Discharge (1,6)	2x/yr.	Gross Beta Gamma Scan	-
Soil	1-Reference (20) 4-Site Boundary (1,2,3,4) 3-Within 5 miles (6,8,9)	2x/yr.	Gross Beta Gamma Scan	-
TLD's	1-Reference (20) 6-Site Boundary (1,2,3,4,14,15) 8-Within 5 miles (5,6,7,8,9, 16,17,18) 1-PBNP Pier (12) 1-Transportation Control	Quarterly	Gamma Dose	Control TLD is used for round trip transportation
Lake Water	1-Discharge Flume (12) 2-N of Discharge (5,9) 2-S of Discharge (1,6)	Monthly (Sample at flume is composited weekly for monthly analysis.)	Gross Beta-T.S.[b] Gamma Scan-T.S. Tritium Strontium-89 Strontium-90	Gross Beta and Gamma Scan done monthly on total solids; Tritium and Radiostrontium done quarterly on composites for each location.
Air Filters	1-Reference (20) 4-Site Boundary (1,2,3,4) 1-Within 5 miles (8)	Weekly	Gross Beta Radioiodine Gamma Scan	Gross Beta & Gamma Scans done weekly on particulate filters; Radioiodine done weekly on charcoal cannisters; gamma scan done quarterly on particulate filter composites for each location.

TABLE 15.4.10-1 (CONTINUED)

Sample Type	Locations[a,c]	Frequency	Analysis	Comments
Well Water	1-Onsite Well (10)	Quarterly	Gross Beta-T.S.[b] Gamma Scan T.S. Tritium Strontium-89 Strontium-90	Gross Beta and Gamma Scan done monthly on total solids; Tritium and Radiostrontium done quarterly on composites for each location.
Milk	1-Local dairy pool (11) 1-Dairy Farm, NNW (19) 1-Dairy Farm, SSE (21)	Monthly	Gamma Scan Radioiodine Strontium-89 Strontium-90	Radioiodine analysis done by the resin extraction technique.
Algae	1-North of Discharge (5) 1-Discharge of Flume (12)	3x/yr as available	Gross Beta Gamma Scan	-
Fish	1-Travelling screens (13)	3x/yr as available	Gross Beta Gamma Scan	Analysis of edible portions only.

(a) Reference location is chosen well in excess of 10 miles from the plant in a low X/Q sector to provide an estimate of background levels.

(b) T.S. - Total Solids

(c) Numbers given under location correspond to sampling locations shown in Figure 15.4.10-1.

TABLE 15.4.10-2 - RADIOLOGICAL ENVIRONMENTAL MONITORING ANALYSES

Sample Type	Analysis	Approximate LLD[a]	Notification Level
Vegetation	Gross Beta	1 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	100 pCi/gm dry for Cs-137, Ce-144, and Nb-95; 25 pCi/gm dry for others
Shoreline Silt	Gross Beta	2 pCi/gm dry	500 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	50 pCi/gm dry
Soil	Gross Beta	2 pCi/gm dry	500 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	50 pCi/gm dry
TLD's	Gamma Dose	1 mrem/TLD	20 mrem/wk
Lake Water	Gross Beta-T.S.[b]	1 pCi/l	250 pCi/l
	Gamma Scan-T.S.	10 pCi/l	100 pCi/l
	Tritium	0.5 pCi/ml	50 pCi/ml
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l
Air Filters	Gross Beta	0.01 pCi/m^3	1.0 pCi/m^3
	Radioiodine	0.03 pCi/m^3	1.0 pCi/m^3
	Gamma Scan	0.01 pCi/m^3	1.0 pCi/m^3
Well Water	Gross Beta-T.S.	1 pCi/l	250 pCi/l
	Gamma Scan-T.S.	10 pCi/l	100 pCi/l
	Tritium	0.5 pCi/ml	50 pCi/ml
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l
Milk	Gamma Scan	5 pCi/l	100 pCi/l for Cs-137; 50 pCi/l for others
	Radioiodine	0.5 pCi/l[c]	5 pCi/l
	Strontium-89	5 pCi/l	100 pCi/l
	Strontium-90	1 pCi/l	100 pCi/l

TABLE 15.4.10-2 (CONTINUED)

Sample Type	Analysis	Approximate LLD[(a)]	Notification Level
Algae	Gross Beta	5 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	5 pCi/gm dry	25 pCi/gm dry
Fish	Gross Beta	1 pCi/gm dry	250 pCi/gm dry
	Gamma Scan	1 pCi/gm dry	25 pCi/gm dry

(a) LLD - Lower Limit of Detection; for gamma scans, the stated LLD applies to typical common nuclides, e.g., Cs-137, Co-60, etc.

(b) T.S. - Total Solids

(c) LLD for radioiodine in milk applies at the time of sample collection.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENTS NOS. 20 AND 25 TO FACILITY LICENSES DPR-24 AND 27

WISCONSIN ELECTRIC POWER COMPANY
WISCONSIN MICHIGAN POWER COMPANY

POINT BEACH UNIT NOS. 1 AND 2

DOCKET NOS. 50-266 AND 50-301

Introduction

By letters dated October 10, 1975, and July 12 and August 12, 1976, Wisconsin Electric Power Company (WEPCO) proposed changes to the Technical Specifications appended to Facility Operating Licenses Nos. DPR-24 and 27 for Point Beach Units 1 and 2. The proposed amendments would revise the operational radiological environmental monitoring program contained in the Technical Specifications.

Discussion

The existing operational radiological environmental monitoring program for Point Beach is a broadly formulated program that is based on the pre-operational program. The existing program requires monitoring of Lake Michigan water, air, milk, algae, vegetation, soil and shoreline silt to detect and evaluate changes in environmental radioactivity due to releases from Point Beach Units 1 and 2. The proposed revised program includes the addition of a specific sampling schedule and increases the depth and detail of the existing program. Evaluation of the proposed program follows.

Evaluation

The proposed program would significantly increase the overall scope of the existing program. Specifically the proposed changes include: increased air sampling; a substantially increased network of thermoluminescent dosimeters (TLD's); the addition of fish samples; well water samples; and the provision of a distant reference sampling located in a low X/Q sector at a distance in excess of 10 miles from the plant.

Since the land in the area of Point Beach Units 1 and 2 is primarily used for farming and dairy operations, environmental sampling of soil and vegetation is included in the revised program to detect changes in radiological

conditions at the base of the food chain for land animals. Moreover, because dairy farming is a major industry in the area, sampling of area-produced milk is carried out in addition to sampling of soil and vegetation.

Algae, which is at the base of the food chain for fish life, would be sampled along with lake water and shoreline silt to detect any significant changes in Lake Michigan fish life. Also, the revised program includes sampling of fish at the travelling screens.

In addition, air particulate samples and thermoluminescent dosimeters at various locations would provide means of detecting significant changes in environmental radioactivity as a result of plant releases to the atmosphere.

Based on our review of the proposed changes, we have concluded that the revised operational radiological environmental monitoring program meets the intent of the applicable portions of Regulatory Guide 4.8, "Environmental Technical Specifications for Nuclear Power Plants". This conclusion is based on the fact that the revised program includes monitoring of all relevant release pathways to determine the nature of change in the ecosystem that may result from plant operation. We have further concluded that the revised program would provide better information on the changes in concentrations of radioactive isotopes in the environment than the existing program because of the increased monitoring requirements and because the revised program includes a reference station to better enable the assessment of any incremental increases due to plant operation. Therefore, the proposed changes are acceptable.

In addition, we have determined that the amendment does not authorize a change in effluent types of 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.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the change does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the change does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: September 23, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-266 and 50-301

WISCONSIN ELECTRIC POWER COMPANY
WISCONSIN MICHIGAN POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY OPERATING LICENSES

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments Nos. 20 and 25 to Facility Operating Licenses Nos. DPR-24 and DPR-27 issued to Wisconsin Electric Power Company and Wisconsin Michigan Power Company, which revised Technical Specifications for operation of the Point Beach Nuclear Plant Units Nos. 1 and 2, located in the town of Two Creeks, Manitowoc County, Wisconsin. The amendments are effective as of the date of issuance.

These amendments consist of changes in the Technical Specifications that will revise the operational radiological environmental monitoring program.

The application for the amendments 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 amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental statement, negative declaration or

environmental impact appraisal need not be prepared in connection with issuance of these amendments.

For further details with respect to this action, see (1) the application for amendments dated October 10, 1975 (supplements dated July 12 and August 12, 1976), (2) Amendment No. 20 to License No. DPR-24, (3) Amendment No. 25 to License No. DPR-27, and (4) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street., Washington, D. C. and at the University of Wisconsin - Stevens Point Library, ATTN: Mr. Arthur M. Fish, Stevens Point, Wisconsin 54481.

A copy of items (2), (3), and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland this 23rd day of September 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors