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July 13, 2001

Re: Indian Point Unit No. 1
Docket No. 50-3 and
Indian Point Unit No. 2
Docket No. 50-247
NL 01-094

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, D.C. 20555-0001

SUBJECT: Indian Point Units 1 & 2 License Amendment Requests - Deletion of
Technical Specifications for High Radiation Areas

Transmitted herewith are Applications for Amendments to the Operating Licenses. The applications request amendments to the Consolidated Edison Company of New York, Inc. (Con Edison) Indian Point Unit No. 1 (IP1) and Unit No. 2 (IP2) Technical Specifications (TS). These changes consist of deletion of the administrative requirements for control of access to high radiation areas. The proposed changes affect IP1 TS 4.1.8, "High Radiation Area," and IP2 TS 6.12, "High Radiation Area." IP1 is completely enclosed within the protected area for IP2. Since separate plant organizations are not provided for each unit, the radiation protection function for both units is controlled and performed by a single organization. These changes will establish consistency in requirements for the two units to ensure continued effective compliance with 10CFR20. The details of the proposed changes are provided in the attachments to this letter.

Attachment 1 to this letter provides the description and evaluation of the proposed changes for IP1. The revised TS pages for IP1 are provided in Attachment 2 (strikeout/shadow format). Attachment 3 to this letter provides the description and evaluation of the proposed changes for IP2. The revised TS pages for IP2 are provided in Attachment 4 (strikeout/shadow format).

This letter also contains a request for approval of alternate methods for controlling access to high radiation areas in accordance with 10CFR20.1601(c) for IP1.

Con Edison requests a timely review and that the proposed changes be approved simultaneously by December 15, 2001 with an effective date within 60 days of approval.

The Station Nuclear Safety Committee (SNSC) and the Nuclear Facilities Safety Committee (NFSC) have reviewed the proposed changes. Both committees concur that

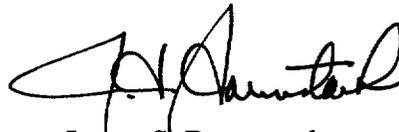
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the proposed changes do not represent a significant hazards consideration as defined by 10CFR50.92(c).

In accordance with 10CFR50.91, a copy of this submittal and the associated attachments is being submitted to the designated New York State official.

There are no commitments contained in this submittal. Should you or your staff have any questions regarding this submittal, please contact Mr. John F. McCann, Manager, Nuclear Safety and Licensing at (914) 734-5074.

Very truly yours,

A handwritten signature in black ink, appearing to read 'J. S. Baumstark', written in a cursive style.

James S. Baumstark
Vice President – Nuclear Engineering

Attachments

cc:

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

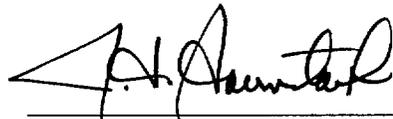
In the Matter of)	
CONSOLIDATED EDISON COMPANY)	Docket Nos. 50-3
OF NEW YORK, INC.)	and 50-247
(Indian Point Station, Unit No. 2))	

APPLICATION FOR
AMENDMENTS TO OPERATING
LICENSES

Pursuant to Section 50.90 of the Regulations of the Nuclear Regulatory Commission, Consolidated Edison Company of New York, Inc., as holder of Facility Operating Licenses No. DPR-5 and No. DPR-26, hereby applies for amendments of the Indian Point Unit 1 and Indian Point Unit 2 Technical Specifications contained in Appendix A of the licenses.

The specific proposed Technical Specification revisions are set forth in the attachments. The associated assessments demonstrate that the proposed changes do not involve a significant hazards consideration as defined in 10CFR50.92(c).

As required by 10CFR50.91(b)(1), a copy of this Application and an analysis concluding that the proposed changes do not involve a significant hazards consideration have been provided to the appropriate New York State official designated to receive such amendments.

BY: 
James Baumstark
Vice President - Nuclear Engineering

Subscribed and sworn to
before me this 13 day
July, 2001.


Notary Public

ERSILIA A. AMANNA
Notary Public, State of New York
No. 01AMB038689
Qualified in Westchester County
Commission Expires March 20, 2002

ATTACHMENT 1 TO NL 01-094

LICENSE AMENDMENT REQUEST FOR INDIAN POINT UNIT 1

**CONSOLIDATED EDISON COMPANY OF NEW YORK, INC
INDIAN POINT UNIT NO. 1
DOCKET NO. 50-3**

LICENSE AMENDMENT REQUEST

DESCRIPTION OF THE PROPOSED CHANGE

Consolidated Edison Company of New York, Inc. (Con Edison) is requesting a change to the Indian Point Unit No. 1 (IP1) Technical Specifications (TS) to delete the requirements for control of access to high radiation areas.

The TS that is affected by the proposed change is Section 4.1.8, "High Radiation Area."

This change is requested to enhance Con Edison's Radiation Protection Program by standardizing the requirements for radiation protection at IP1 and IP2.

EVALUATION OF THE PROPOSED CHANGE

Regardless of the inclusion of specific requirements for control of access to high radiation areas in TS, Con Edison is required to fully comply with 10CFR20, including the requirements of 10CFR20.1601, "Control of Access to High Radiation Areas," at the Indian Point site. The IP1 TS contain a provision 4.1.7, "Radiation Protection Program," stating:

"Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10CFR Part 20 and shall be approved maintained and adhered to for all operations involving personnel radiation exposure."

Thus for IP1, the requirements of TS 4.1.7 fully contain and are adequate to ensure compliance with 10CFR20.

This TS change is administrative since there is no change to the function, operation, or design of any plant structure, system or component.

The IP1 restricted area is completely enclosed within the protected (controlled) area for IP2. Since separate plant organizations are not provided for each unit, the radiation protection function for both units is controlled and performed by a single organization. It is desirable that the TS requirements for the two units be identical. Due to previous licensing actions, the TS for the two units are no longer consistent. Con Edison has thus structured this license amendment request to eliminate that difference.

10CFR20.1601 contains the regulations for the control of access to high radiation areas. 10CFR20.1601(c) allows licensees to apply to the Commission for approval of alternate methods for controlling access to high radiation areas. In a letter to the NRC (Ref. 1), Con Edison requested approval to implement the alternate methods of access control to high radiation areas described in Regulatory Guide 8.38 (June, 1993), "Control of Access to High and Very High Radiation Areas in Nuclear Power Plants," Section 2.4 at both IP1 and IP2. In Ref 2, the NRC found the requested alternate controls acceptable and approved them for use at IP2, stating, "Any high radiation controls not consistent with RG 8.38 or 10CFR20.1601(a), without additional NRC approval, would constitute a violation of 10CFR20.1601." Reference 2 transmitted a copy of the staff's Safety Evaluation Report (SER). For the reasons stated in Ref. 2 and the accompanying SER, Con Edison hereby requests approval of the use of Regulatory Guide 8.38

(June, 1993) Section 2.4 as an alternate method for controlling access to high radiation areas at IP1 as well.

Effective control of access to high radiation areas is assured by radiation protection programs developed to comply with 10CFR20.1601 requirements using the alternate method from Regulatory Guide 8.38. This alternate method has been specifically evaluated by the NRC as acceptable for use at IP2. This IP1 TS change is requested simultaneously with a corresponding IP2 TS change. The requested IP1 and IP2 TS changes, if approved simultaneously, would establish consistency in requirements for the two units and would assist in ensuring continued effective compliance with 10CFR20. Hence, the effectiveness of radiation protection at IP1 and IP2 will be positively, not adversely, affected by these changes.

NO SIGNIFICANT HAZARDS CONSIDERATION

The proposed changes described above do not involve a significant hazards consideration. This conclusion is based on the evaluation, in accordance with 10 CFR 50.91(a)(1), of the three standards set forth in 10 CFR 50.92(c).

1. **Does the proposed license amendment involve a significant increase in the probability or in the consequences of an accident previously evaluated?**

The proposed TS change is administrative in nature. It involves deleting specific requirements for complying with a subparagraph of 10CFR20 for the purpose of controlling access to high radiation areas. Accident evaluations do not consider the effects of methods of controlling access to high radiation areas. The proposed changes do not result in a change to the design or operation of the any plant structure, system or component. Therefore any assumptions of the operability or performance of any structure, system or component in accident evaluations are unchanged.

Therefore, there is no increase in the probability or in the consequences of an accident previously evaluated.

2. **Does the proposed amendment create the possibility of a new or different kind of accident from any accident previously evaluated?**

The proposed change is administrative in nature. The methods of controlling access to high radiation areas do not affect the design or operation of any plant structure, system, or component. Therefore, the proposed changes do not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. **Does the proposed amendment involve a significant reduction in a margin of safety?**

The proposed TS change is administrative in nature. It involves deleting specific requirements for complying with a subparagraph of 10CFR20. However, effective compliance with 10CFR20 is mandated by other another IP1 TS provision. The effectiveness of Con Edison compliance with 10CFR20 is not adversely affected by this change. In addition, this change does not affect any design function for or the operation of any plant structure, system, or component.

Therefore, the change does not affect any of the safety analyses or any margin of safety.

CONCLUSION

The proposed changes involve revisions to the TS that are administrative. These changes do not involve physical changes to the plant, changes to the operation of plant systems, or changes to the plant safety analyses. Accordingly, these administrative requirements do not involve a significant hazards consideration. The Station Nuclear Safety Committee (SNSC) and the Nuclear Facilities Safety Committee (NFSC) have reviewed the proposed changes. Both committees concur that the proposed changes do not represent a significant hazards consideration as defined by 10CFR50.92(c).

ENVIRONMENTAL ASSESSMENT

An environmental assessment is not required for the above proposed change because the requested change to the Indian Point Generating Station Unit 1 Technical Specifications conforms to the criteria for "actions eligible for categorical exclusion," as specified in 10CFR51.22(c)(9). The requested change will have no impact on the environment. The proposed change does not involve a significant hazards consideration as discussed in the preceding section. The proposed change does not involve a significant change in the types or significant increase in the amounts of any effluents that may be released offsite. In addition, the proposed change does not involve a significant increase in individual or cumulative occupational radiation exposure.

REFERENCES

1. Consolidated Edison of New York, Inc. letter (NL 95-036) of March 29, 1995 to NRC re: Request for Approval of Alternate Method for Control of Access to High Radiation Areas
2. NRC letter (RA 95-091) of May 16, 1995 to Consolidated Edison of New York, Inc. re: Alternate High Radiation Area Controls at Indian Point Nuclear Generating Unit No. 2 (TAC No. M92070)

ATTACHMENT 2 TO NL 01-094

**IP1 LICENSE AMENDMENT REQUEST
TECHNICAL SPECIFICATION PAGES IN
STRIKEOUT/SHADOW FORMAT**

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TECHNICAL SPECIFICATIONS

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4.1.7 Radiation Protection Program

Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

4.1.8 ~~High Radiation Area~~ ~~DELETED~~

~~4.1.8.1 As an acceptable alternate to the "control device" or "alarm signal" required by 10 CFR 20.1601(a) and 10 CFR 20.1601(b):~~

- ~~a. Each High Radiation Area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted as a High Radiation Area and entrance thereto shall be controlled by issuance of a Radiation Work Permit and any individual or group of individuals permitted to enter such areas shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.~~
- ~~b. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the provisions of 4.1.8.1(a) above, and, in addition, locked doors shall be provided to prevent unauthorized entry to such areas and the keys shall be maintained under the administrative control of the Radiation Protection Manager and/or the Shift Manager on duty.~~

4.1.9 Spent Fuel Storage and Handling

4.1.9.1 All irradiated fuel shall be stored in the racks provided in the Fuel Handling Building Storage pools, with sufficient shielding that ensures that the radiation level on the operating deck is ≤ 15 mr/hr. Should the radiation level be found to be above 15 mr/hr, corrective action shall be initiated to restore the level to ≤ 15 mr/hr.

ATTACHMENT 3 TO NL 01-094

LICENSE AMENDMENT REQUEST FOR INDIAN POINT UNIT 2

**CONSOLIDATED EDISON COMPANY OF NEW YORK, INC
INDIAN POINT UNIT NO. 2
DOCKET NO. 50-247**

LICENSE AMENDMENT REQUEST

DESCRIPTION OF THE PROPOSED CHANGE

Consolidated Edison Company of New York, Inc. (Con Edison) is requesting a change to the Indian Point Unit No. 2 (IP2) Technical Specifications (TS) to delete the requirements for control of access to high radiation areas.

The TS that is affected by the proposed change is Section 6.12, "High Radiation Area."

This change is requested to enhance Con Edison's Radiation Protection Program by standardizing the requirements for radiation protection at IP1 and IP2.

EVALUATION OF THE PROPOSED CHANGE

Regardless of the inclusion of specific requirements for control of access to high radiation areas in TS, Con Edison is required to fully comply with 10CFR20, including the requirements of 10CFR20.1601, "Control of Access to High Radiation Areas," at the Indian Point site. The IP2 Facility Operating License Section 2.C requires compliance with 10CFR20.

This TS change is administrative since there is no change to the function, operation, or design of any plant structure, system, or component.

The IP1 restricted area is completely enclosed within the protected (controlled) area for IP2. Since separate plant organizations are not provided for each unit, the radiation protection function for both units is controlled and performed by a single organization. It is desirable that the TS requirements for the two units be identical. Due to previous licensing actions, the TS for the two units are no longer consistent. Con Edison has thus structured this license amendment request to eliminate that difference.

10CFR20.1601 contains the regulations for the control of access to high radiation areas. 10CFR20.1601(c) allows licensees to apply to the Commission for approval of alternate methods for controlling access to high radiation areas. In a letter to the NRC (Ref. 1), Con Edison requested approval to implement alternate methods of access control to high radiation areas, as described in Regulatory Guide 8.38 (June, 1993), "Control of Access to High and Very High Radiation Areas in Nuclear Power Plants," Section 2.4 at both IP1 and IP2. In Ref 2, the NRC found the requested alternate controls acceptable and approved them for use at IP2, stating, "Any high radiation controls not consistent with RG 8.38 or 10CFR20.1601(a), without additional NRC approval, would constitute a violation of 10CFR20.1601." Reference 2 transmitted a copy of the staff's Safety Evaluation.

Effective control of access to high radiation areas is assured by radiation protection programs developed to comply with 10CFR20.1601 requirements using an alternate methods from Regulatory Guide 8.38. The use of the alternate methods has been specifically evaluated by the NRC as acceptable for use at IP2. This IP2 TS change is requested simultaneously with a corresponding IP1 TS change. These requested IP1 and IP2 TS changes, if approved

simultaneously, will establish consistency in requirements for the two units and will assist in ensuring continued effective compliance with 10CFR20. Hence, the effectiveness of radiation protection at IP1 and IP2 will be positively, not adversely, affected by these changes.

NO SIGNIFICANT HAZARDS CONSIDERATION

The proposed changes described above do not involve a significant hazards consideration. This conclusion is based on the evaluation, in accordance with 10CFR50.91(a)(1), of the three standards set forth in 10CFR50.92(c).

1. Does the proposed license amendment involve a significant increase in the probability or in the consequences of an accident previously evaluated?

The proposed TS change is administrative in nature. It involves deleting specific requirements for complying with a subparagraph of 10CFR20 for the purpose of controlling access to high radiation areas. Accident evaluations do not consider the effects of methods of controlling access to high radiation areas. The proposed changes do not result in a change to the design or operation of the any plant structure, system, or component. Therefore any assumptions of the operability or performance of any structure, system, or component in accident evaluations are unchanged.

Therefore, there is no increase in the probability or in the consequences of an accident previously evaluated.

2. Does the proposed amendment create the possibility of a new or different kind of accident from any accident previously evaluated?

The proposed change is administrative in nature. The methods of controlling access to high radiation areas do not affect the design or operation of any plant structure, system, or component. Therefore, the proposed changes do not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. Does the proposed amendment involve a significant reduction in a margin of safety?

The proposed TS change is administrative in nature. It involves deleting specific requirements for complying with a subparagraph of 10CFR20. However, effective compliance with 10CFR20 is mandated by the IP2 Facility Operating License Section C. The effectiveness of Con Edison compliance with 10CFR20 is not adversely affected by this change. In addition, this change does not affect any design function for or the operation of any plant structure, system, or component.

Therefore, the change does not affect any of the safety analyses or any margin of safety.

CONCLUSION

The proposed changes involve revisions to the TS that are administrative. These changes do not involve physical changes to the plant; changes to the operation of plant structures, systems, or components; or changes to the plant safety analyses. Accordingly, these administrative

requirements do not involve a significant hazards consideration. The Station Nuclear Safety Committee (SNSC) and the Nuclear Facilities Safety Committee (NFSC) have reviewed the proposed changes. Both committees concur that the proposed changes do not represent a significant hazards consideration as defined by 10CFR50.92(c).

ENVIRONMENTAL ASSESSMENT

An environmental assessment is not required for the above proposed change because the requested change to the Indian Point Generating Station Unit 2 Technical Specifications conforms to the criteria for "actions eligible for categorical exclusion," as specified in 10CFR51.22(c)(9). The requested change will have no impact on the environment. The proposed change does not involve a significant hazards consideration as discussed in the preceding section. The proposed change does not involve a significant change in the types or significant increase in the amounts of any effluents that may be released offsite. In addition, the proposed change does not involve a significant increase in individual or cumulative occupational radiation exposure.

REFERENCES

1. Consolidated Edison of New York, Inc. letter (NL 95-036) of March 29, 1995 to NRC re: Request for Approval of Alternate Method for Control of Access to High Radiation Areas
2. NRC letter (RA 95-091) of May 16, 1995 to Consolidated Edison of New York, Inc. re: Alternate High Radiation Area Controls at Indian Point Nuclear Generating Unit No. 2 (TAC No. M92070)

ATTACHMENT 4 TO NL 01-094

**IP2 LICENSE AMENDMENT REQUEST
TECHNICAL SPECIFICATION PAGES IN
STRIKEOUT/SHADOW FORMAT**

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6.11 RADIATION PROTECTION PROG RAM

Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

6.12 ~~HIGH RADIATION AREA-DELETED~~

~~6.12.1 As an acceptable alternative to the "control device" or "alarm signal" required by 10 CFR 20.203(c)(2):~~

~~a. Each High Radiation Area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted as a High Radiation Area and entrance thereto shall be controlled by issuance of a Radiation Work Permit and any individual or group of individuals permitted to enter such areas shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.~~

~~b. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the provisions of Specification 6.12.1(a) above, and in addition locked doors shall be provided to prevent unauthorized entry to such areas and the keys shall be maintained under the administrative control of the Radiation Protection Manager and/or the Senior Watch Supervisor on duty.~~

6.13 ENVIRONMENTAL QUALIFICATION

6.13.1 By no later than June 30, 1982 all safety-related electrical equipment in the facility shall be qualified in accordance with the provisions of Division of Operating Reactors "Guidelines for Evaluating Environmental Qualification of Class IE Electrical Equipment in Operating Reactors" (DOR Guidelines), or NUREG-0588 "Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment," December 1979. Copies of these documents are attached to Order for Modification of License No. DPR-26 dated October 24, 1980.

6.13.2 By no later than December 1, 1980, complete and auditable records must be available and maintained at a central location which describe the environmental qualification method used for all safety-related electrical equipment in sufficient detail to document the degree of compliance with the DOR Guidelines of NUREG-0588. Thereafter, such records should be updated and maintained current as equipment is replaced, further tested, or otherwise further qualified.