

What You Need To Know: How To Respond to An Emergency at the *Pickering Nuclear Generating Station*

Please read and keep this Spring, 1999 brochure in the front of your phone book for future reference.

(Please discard the previous Pickering Nuclear Generating Station brochure dated September, 1996.)

This PDF reproduction was produced by the City of Pickering, October 2002.

1

YOU LIVE WITHIN 10 KM OF THE PICKERING NUCLEAR GENERATING STATION...

If there is an emergency at the station that could affect the surrounding community, the information in this brochure will help you respond appropriately and protect your safety.

Provincial emergency planners, the Regional Municipality of Durham, your local municipality and Ontario Power Generation Inc. have developed plans and procedures to deal with a nuclear emergency at the Pickering station. By reading this pamphlet you will be informed about these plans and procedures and be aware of what actions you may need to take.

FINDING OUT ABOUT THE EMERGENCY

You will hear about a nuclear emergency by one or more of the following methods: radio, television, police, loudhailers, or an automated phone call made to your home or workplace.

**DO NOT EVACUATE
UNLESS YOU ARE
ADVISED TO DO SO.**

2

WHEN YOU ARE ADVISED TO TAKE ACTION

Protective actions such as evacuating, sheltering indoors and/or taking Potassium Iodide (KI) pills, will help protect you from most radioactive materials, including radioactive iodine.

IF YOU ARE INSTRUCTED TO EVACUATE THE AREA:

- Listen to the instructions from the Province that are issued over area radio and TV stations.
- Instructions will refer specifically to the sectors and evacuation routes on the map in this brochure.
- **Do not telephone 9-1-1 unless it is another type of emergency you want to report**, and minimize telephone use during the emergency period.
- Quickly pack a complete change of clothing, blankets or sleeping bags, prescription medication and your personal care items. Take money and credit cards with you.
- Turn down furnace/turn off air conditioning and other air intakes.
- Close and lock all windows and doors.
- Take only one vehicle.
- If you don't have your own vehicle, please arrange a ride with family, friends or neighbours in advance.
- For those without cars, each municipality has plans for making public transportation available. Contact your local municipality and stay tuned to local radio and television stations.

3

IF YOU ARE INSTRUCTED TO EVACUATE THE AREA: (Continued)

- The evacuation will follow pre-selected routes. Review the Detail Map in this brochure and note your sector and evacuation routes. If unforeseen circumstances arise, traffic routes may be adjusted. Stay tuned to your local media for updates.
- For your safety, close the windows and shut off all ventilation and listen to the car radio or television for further instructions.
- Evacuate your sector exactly as directed. If instructed, report to the Reception Centre for your area.
- At the Reception Centre, (See Detail Map) you and your vehicle will be checked for radioactive contamination.
- After being checked, if you do not have a place to stay, you will be directed to an Evacuee Centre.
- It is recommended that advance arrangement be made for pets. If arrangements have not been made, pets may be taken with you as well as leash, food and pet cage.
- Return home only when you have been advised it is safe to do so. Stay tuned to radio and television stations for further instructions.

4

IF YOU ARE INSTRUCTED TO TAKE SHELTER:

- Go into your home, place of business or other occupied building. If necessary, inform other people to do the same.
- Close all doors and windows.
- To reduce air exchange as much as possible, turn down furnaces/turn off air conditioners or any other air intake/exhaust mechanisms. Close fireplace dampers.
- Stay inside until authorities say it is safe to go outside.
- If you are directed to do so, when coming in from outside, remove clothing and seal in a plastic bag. Shower and put on fresh clothing and shoes.

IF YOU ARE INSTRUCTED TO TAKE KI PILLS:

During a nuclear emergency, Potassium Iodide (KI) pills can be used to minimize the absorption of radioactive iodine by the thyroid gland. However, other protective actions such as sheltering indoors or evacuating will help protect you from most radioactive materials, including radioactive iodine.

Provincial officials will authorize the taking of KI pills, but only if necessary. **DO NOT** take them unless instructed. KI pills will be available for the public at Reception Centres following an evacuation. As well, schools, daycare centres and hospitals have stockpiles of KI pills for their use during an emergency.

5

SCHOOLS, HOSPITALS AND NURSING HOMES

All schools have emergency plans in place that will allow your child to be sent home if possible or taken to a pre-arranged location, to be reunited with you. For more information, contact your child's school.

If there is a hospital or nursing home in your area, they too have emergency plans. Contact the individual institution to check what these arrangements are.

DON'T WAIT FOR AN EMERGENCY-- BE READY IN ADVANCE

The best response is a prepared response. Please note some sectors have changed. Take a moment now to review the Detail Map and complete the following:

Your Sector Number is:

Your Reception Centre is located at:

For additional information on nuclear emergency preparedness, contact:

Emergency Management Ontario
(416) 314-3723

or

The Regional Municipality of Durham
Emergency Measures Office
(905) 430-2792

or

City of Toronto, Public Safety Unit
(416) 808-4900

or

City of Pickering
(905) 420-4660, ext. 2198

Cette document est disponible en français. Pour obtenir une copie veuillez composer (416) 314-3723.

DESIGNATED EMERGENCY EVACUATION ROUTES

For 10 Kilometre Area Around Pickering Nuclear Generating Station

1. Please review the map at right to locate where you live or work, and note your sector number (P1 to P22). **Please note sector boundaries have changed.**
2. The Detail Maps below will describe:
 - the preferred evacuation route you should take out of your area, should you receive instructions to evacuate, and
 - the location of the Reception Centre for your sector, should you be directed to go there. In an emergency, instructions on what actions you should take will be broadcast over the designated media listed in Section 1.
3. Find your sector number in the chart below. Beside it is the designated evacuation route you would take out of the area.
4. Please note the location of your Reception Centre on the Detail Map. If monitoring for contamination is required, you *must* report to your Reception Centre. Information will be broadcast over the designated media to direct you there.
5. If monitoring is not required, you should report to your Reception Centre only if you require assistance, such as a place to stay. If you cannot stay with friends or relatives, for example, the Reception Centre will direct you to an Evacuee Centre which will provide food and accommodation.
6. In either case, police will direct you from your sector along the preferred evacuation route, and then out of the area.
7. Each school has a plan for evacuating students.



**SECTOR EVACUATION ROUTE
OUT OF THE AREA**

**RECEPTION
CENTRE
DETAIL MAP**

P1

- Liverpool Rd./Whites Rd. northbound to Hwy 401 westbound

P4

- Whites Rd./Kingston Rd. to Hwy 401 westbound

P5

- Whites Rd. southbound/Kingston Rd. westbound to Hwy 401 westbound

P6

- Pre-Whites Rd. on ramp/Whites Rd. southbound/Kingston Rd. westbound to Hwy 401 westbound

P15

- Lawrence Ave. westbound
- Guildwood Pkwy westbound

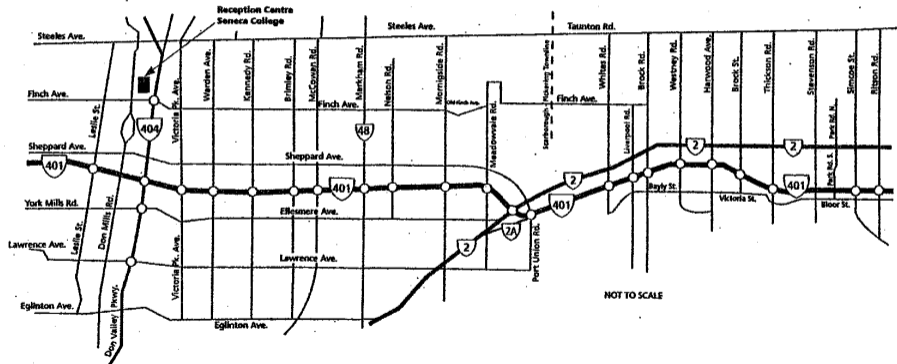
P19

- Sheppard Ave. westbound
- Steeles Ave. westbound
- Morningside Ave. northbound to Finch Ave. westbound

P20

- Taunton Rd. westbound
- Brock Rd. northbound to Whitevale Rd. westbound to Townline Rd. northbound

**SENECA COLLEGE
1750 Finch
Avenue East,
Toronto**



**SECTOR EVACUATION ROUTE
OUT OF THE AREA**

**RECEPTION CENTRE,
DETAIL MAP**

P3

- Port Union Rd. to Kingston Rd. westbound to Hwy 401 westbound
- Port Union Rd. to Hwy 401 westbound
- Morningside Ave. to Hwy 401 westbound

P8

- Brock Rd. (RR1)/Townline Rd. northbound to Hwy 7 westbound
- Taunton Rd. (Steeles Ave.) westbound

P16

- Morningside Ave./Port Union Rd./Kingston Rd. to Hwy 401 westbound

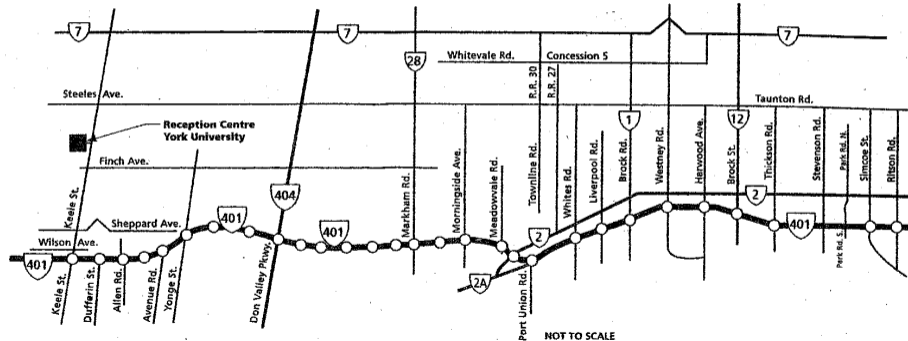
P17

- Meadowvale Rd./Morningside Rd. northbound to Hwy 401 westbound

P18

- Meadowvale Rd./Morningside Rd./Kingston Rd. to Hwy 401 westbound

YORK UNIVERSITY
4700 Keele St.,
Downsview



**SECTOR EVACUATION ROUTE
OUT OF THE AREA**

**RECEPTION
CENTRE**

DETAIL MAP

P10

- Westney Rd./Harwood Ave. southbound to Hwy 401 eastbound
- Rossland Rd. eastbound
- Hwy 2 eastbound

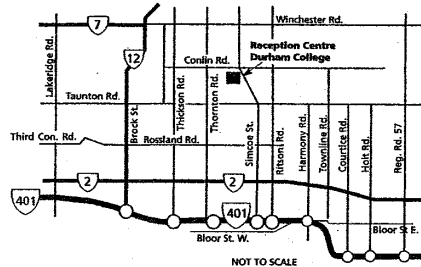
P9

- Brock Rd./Westney Rd./Harwood Ave. southbound to Hwy 401 eastbound
- Rossland Rd. eastbound
- Hwy 2 eastbound

P21

- Taunton Rd. eastbound
- Rossland Rd. eastbound

DURHAM
COLLEGE
2000 Simcoe
Street,
Oshawa

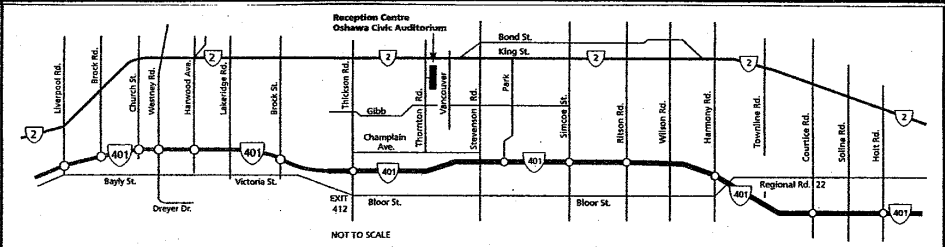


| SECTOR | EVACUATION ROUTE OUT OF THE AREA | RECEPTION CENTRE | DETAIL MAP |
|--------|-------------------------------------|---------------------|------------|
|--------|-------------------------------------|---------------------|------------|

PNGS

- Brock Rd./Westney Rd. northbound to Hwy 401 eastbound

OSHAWA CIVIC AUDITORIUM
Thornton Road,
Oshawa



**SECTOR EVACUATION ROUTE
OUT OF THE AREA**

**RECEPTION DETAIL MAP
CENTRE**

P2

- Brock Rd./Westney Rd. northbound to Hwy 401 eastbound

P7

- Brock Rd. southbound to Hwy 401 eastbound
- Hwy 2 eastbound to Westney Rd. southbound to Hwy 401 eastbound

P11

- Westney Rd./Harwood Ave. southbound to Hwy 401 eastbound

P12

- Westney Rd./Harwood Ave. northbound to Hwy 401 eastbound

P13

- Westney Rd./Harwood Ave. northbound to Hwy 401 eastbound
- Bayly St. eastbound

P14

- Harwood Ave. northbound to Hwy 401 eastbound
- Bayly St. eastbound

P22

- South of Hwy 401:**
- Bayly St. eastbound
- North of Hwy 401:**
- Harwood Ave. southbound to Hwy 401 eastbound
 - Hwy 2 eastbound

NEW

SIR SANDFORD
FLEMING
COLLEGE
Peterborough

