

Joint Review Panel Recommendations Related to Emergency Planning

Darlington New Nuclear Power Plant Project August 2011

**** Find the *Joint Review Panel Environmental Assessment Report SUMMARY* here:**
<http://www.ceaa-acee.gc.ca/050/documents/55382/55382E.pdf>

Recommendation # 43 (Section 6.2):

The Panel recommends that the Canadian Nuclear Safety Commission engage appropriate stakeholders, including OPG, Emergency Management Ontario, municipal governments & the Government of Ontario to develop a policy for land use around nuclear generating stations.

Recommendation # 44 (Section 6.2):

The Panel recommends that the Government of Ontario take appropriate measures to prevent sensitive & residential development within 3 kilometres of the site boundary.

Recommendation # 45 (Section 6.2):

The Panel recommends that the Municipality of Clarington prevent, for the lifetime of the nuclear facility, the establishment of sensitive public facilities such as school, hospitals & residences for vulnerable clienteles within the 3-kilometre zone around the site boundary.

Recommendation # 46 (Section 6.3):

Given that a severe accident may have consequences beyond the three & 10-kilometre zones evaluated by OPG, the Panel recommends that the Government of Ontario, on an ongoing basis, review the emergency planning zones & the emergency preparedness & response measures, as defined in the Provincial Nuclear Emergency Response Plan (PNERP), to protect human health & safety.

Recommendation # 59 (Section 7.3):

The Panel recommends that the Municipality of Clarington manage development in the vicinity of the Project site to ensure that there is no deterioration in the capacity to evacuate members of the public for the protection of human health & safety.

Recommendation # 63 (Section 8.1):

The Panel recommends that prior to construction, the Canadian Nuclear Safety Commission require OPG to evaluate the cumulative effect of a common-cause severe accident involving all of the nuclear reactors in the site study area to determine if further emergency planning measures are required.