

Radiation Protection for Residents

Extent of Emergency	PAZ (-5 km)	UPZ (5-30 km)	30- km
According to the situation at the facility, the nuclear power plant operator reports the emergency category to both the national government and local authorities.	<ul style="list-style-type: none"> Local authorities will prepare and implement necessary evacuations in response to instructions or orders from the national government. Either the national government or local authorities may issue instructions to residents to prepare and administer stable iodine. 		
Alert (EAL1*) (Ex.) Occurrence of large tsunamis, earthquakes with seismic intensity of 6 or higher, etc. Newly Established	<ul style="list-style-type: none"> Preparations for evacuation of persons requiring support. (those who are ill or injured, the elderly, physically challenged persons, infants, expectant and nursing mothers, etc.) 		<ul style="list-style-type: none"> Assistance with preparations for the evacuation of persons requiring support.
Site Area Emergency (EAL2*) (Ex.) Station Blackout over 30 minutes beyond, etc.	<ul style="list-style-type: none"> Evacuation of persons requiring support. Preparations for general evacuation. Preparations for administration of stable iodine. 	<ul style="list-style-type: none"> Preparations for indoor sheltering. <div style="border: 1px solid green; padding: 5px; background-color: #e0f0e0;"> Start of emergency monitoring by national government, local authorities and nuclear power plant operator. </div>	<ul style="list-style-type: none"> Reception of persons requiring support. <div style="border: 1px solid green; padding: 5px; background-color: #e0f0e0;"> Start of emergency monitoring by national government and local authorities. </div>
General Emergency (EAL3*) (Ex.) Station Blackout over 1 hour, etc. <div style="border: 1px solid yellow; padding: 5px; background-color: #fff9c4; display: inline-block;"> No Emission of Radioactive Materials </div>	<ul style="list-style-type: none"> Administration of stable iodine. <div style="border: 1px solid pink; padding: 5px; background-color: #ffe0e0; text-align: center;"> Evacuation of residents to outside the PAZ following the instructions of the national government. </div>	<ul style="list-style-type: none"> Indoor sheltering. Preparations for administration of stable iodine. Preparations for evacuation, etc. 	<ul style="list-style-type: none"> Reception of evacuees. Assistance with evacuation, etc. Preparations for administration of stable iodine.
<div style="border: 1px solid blue; border-radius: 50%; padding: 10px; text-align: center; width: fit-content; margin: 0 auto;"> Emission of Radioactive Materials Outside of the Facility </div>		<div style="border: 1px solid green; padding: 5px; background-color: #e0f0e0; text-align: center;"> Based on the results of emergency monitoring, the national government will implement necessary protective measures, such as evacuations, on the basis of air dose rates or other appropriate standards. </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <div style="border: 1px solid blue; padding: 5px; background-color: #00bcd4; color: white; text-align: center; margin-bottom: 10px;"> OIL* 1 </div> <p style="font-size: small; margin: 0;">Air dose rate of 500 microsieverts per hour.</p> <div style="border: 1px solid blue; padding: 5px; background-color: #00bcd4; color: white; text-align: center; margin-bottom: 10px;"> OIL 2 </div> <p style="font-size: small; margin: 0;">Air dose rate of 20 microsieverts per hour.</p> <div style="border: 1px solid blue; padding: 5px; background-color: #00bcd4; color: white; text-align: center;"> OIL 6, etc. </div> <p style="font-size: small; margin: 0;">Radioactive iodine in drinking water. 300 becquerels/kg, etc.</p> </div> <div style="width: 50%;"> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center; margin-bottom: 10px;"> Evacuation </div> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center; margin-bottom: 10px;"> Temporary Relocation </div> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center; margin-bottom: 10px;"> Restrictions on the intake of local produce, etc. </div> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center;"> Screening of food and drink, restrictions on intake. </div> </div> </div> <div style="margin-top: 20px; text-align: right;"> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center; margin-bottom: 10px;"> Contamination Examination </div> <div style="border: 1px solid blue; padding: 5px; background-color: #00bcd4; color: white; text-align: center; margin-bottom: 10px;"> OIL 4 </div> <p style="font-size: x-small; margin: 0;">Body surface beta radiation exposure of 40,000 cpm. (Dropping to 13,000 cpm after 1 month.)</p> <div style="border: 1px solid pink; padding: 5px; background-color: #e91e63; color: white; text-align: center;"> Body Surface Decontamination </div> </div>	

※OIL: Standard for determining the necessity and extent of measures to be implemented for the protection of residents when radioactive materials have been emitted, based on the results of monitoring, etc.